

NATURAL HERITAGE RESOURCES OF VIRGINIA: RARE PLANTS

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VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION
DIVISION OF NATURAL HERITAGE
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Cover illustrations (l. to r.) of Swamp Pink (*Helonias bullata*), dwarf burhead
(*Echinodorus tenellus*), and small whorled pogonia (*Isotria medeoloides*)
by Megan Rollins

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INTRODUCTION

The Virginia Department of Conservation and Recreation's Division of Natural Heritage (DCR-DNH) was established to protect Virginia's Natural Heritage Resources. These Resources are defined in the Virginia Natural Area Preserves Act of 1989 (Section 10.1-209 through 217, *Code of Virginia*), as the habitat of rare, threatened, and endangered plant and animal species; exemplary natural communities, habitats, and ecosystems; and other natural features of the Commonwealth. DCR-DNH is the state's only comprehensive program for conservation of our natural heritage and includes an intensive statewide biological inventory, field surveys, electronic and manual database management, environmental review capabilities, and natural area protection and stewardship. Through such a comprehensive operation, the Division identifies Natural Heritage Resources which are in need of conservation attention while creating an efficient means of evaluating the impacts of economic growth.

To achieve this protection, DCR-DNH maintains lists of the most significant elements of our natural diversity. These lists focus the Division's inventory on the Natural Heritage Resources most likely to be lost without conservation action in the near future. Most importantly, these lists are not only useful for DCR-DNH, but can be used by other agencies, organizations, and individuals to guide protection and development decision-making. In formulating these lists, the Division uses information from previous studies, museum records, the observations and opinions of experts, DCR-DNH staff scientists, and field inventories.

The first list included in this report is the Rare Vascular Plant List. This list contains information on the legal and biological status of Virginia's rarest known native vascular plant taxa, 604 in all. Comprising about 22% of our native flora, this list includes all plants believed to be sufficiently rare or threatened to merit an inventory of their status and locations.

The second list included in this report is the Vascular Plant Watchlist. This list contains information on the legal and biological status of 229 additional taxa that are decidedly uncommon in Virginia but not scarce enough to merit inclusion on the Rare Vascular Plant List. Plants on this list are monitored to determine general population trends. If a species or variety on this list is found to be rare or threatened, it is placed on the Rare Vascular Plant List. Taxa of uncertain status, which formerly made up a large percentage of the Watchlist, may now be found on the Review List (see below).

The third list included in this report is the Review List (Taxa of Uncertain Status). These taxa lack numerical ranks, indicating that they are poorly known from a taxonomic and distributional standpoint. Although some of these taxa may prove to be conservation targets, more field and herbarium data are needed to assess their distinctiveness and degree of rarity in Virginia. There are 153 taxa in this category.

The fourth list included in this report is the Rare Non-Vascular Plant List. This list contains information on the legal and biological status of 32 taxa thought to be rare in the state of Virginia. The lichens, liverworts, and mosses listed herein represent an attempt at designating imperiled species within this often-neglected group. The list is currently small compared to the vascular plant lists because the taxonomy and distributions of non-vascular plants are generally poorly known in Virginia at this time (with some exceptions). A large percentage of the listed species are mosses of the genus *Sphagnum*. These taxa are listed due to the field and herbarium work of Christopher A. Clampitt and Lewis E. Anderson, who resolved many of the taxonomic and distributional questions pertaining to *Sphagnum* in Virginia. Additional listings of non-vascular plants in future years are expected as our knowledge of this portion of the flora increases. Dean Walton, formerly Field Ecologist with the Division of Natural Heritage, has been instrumental in urging this listing of imperiled taxa and has given freely of his expertise and interest in non-vascular plants, especially lichens.

Natural Heritage Resource lists are necessarily dynamic and are revised annually, with updates occurring as data become available. Such revisions assure the most current knowledge of the status of Virginia's plants. Taxa are added to the list when it is determined that they have become rare or threatened to such an extent that their continued existence in Virginia is in jeopardy. Plants are deleted from the list when data indicate they are common and do not warrant priority conservation efforts.

If you have information which could refine this list, please contact DCR-DNH staff botanist John Townsend at (804) 225-4855 (email: john.townsend@dcr.virginia.gov) or by mailing the Rare Species Sighting Form found at the end of this document.

All plants which are officially protected by federal or state endangered species acts are included in these lists. The Office of Plant Protection within the Virginia Department of Agriculture and Consumer Services (VDACS) has regulatory responsibility for the listing and protection of Virginia's endangered and threatened plants and insects under the Virginia Endangered Plant and Insect Species Act, as amended (Section 3.1-1020 through 1030, *Code of Virginia*). The Act provides for the official listing and recovery of endangered and threatened plant and insect species in Virginia. The Act also establishes a permit system for collection of listed species. As of March 2005, there were 26 state-listed plant species. A memorandum of agreement between DCR-DNH and VDACS facilitates data transfer between agencies and allows for DCR-DNH to nominate species for listing by VDACS.

Federally listed species are protected by the Endangered Species Act of 1973, as amended. The U.S. Department of the Interior's Fish and Wildlife Service administers the Act, listing and protecting federally endangered and threatened species. As of March 2005, there were 16 plant species federally listed as endangered or threatened which occur or formerly occurred in Virginia.

The Virginia Department of Conservation and Recreation, Virginia Department of Agriculture and Consumer Services, and U. S. Fish and Wildlife Service work cooperatively to insure the continued survival of Virginia's diverse flora and other elements of natural diversity. The Division of Natural Heritage also works closely with other state and federal agencies, local governments, conservation organizations, and other organizations and individuals to seek adequate protection of Virginia's natural heritage.

LIST FORMAT

The rare plant list and the watchlist are ordered alphabetically by scientific name. Each list has an identical format which presents six fields: scientific name, common name, global rank, state rank, federal status, and state status. To aid in the interpretation of the list, a brief explanation of each field follows:

Column 1. Scientific name:

In most cases, nomenclature for vascular plants follows Kartesz, J.T. 1999. *A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland*. First Edition. In: Kartesz, J.T., and C.A. Meacham. *Synthesis of the North American Flora, Version 1.0*. North Carolina Botanical Garden, Chapel Hill, NC. or A.S. Weakley *Flora of the Carolinas and Virginia* (In prep.). Since the user may not have access to these references, a line is provided below the scientific name to provide a synonymy when other names are used in popular botanical references. These references include the 3rd edition of the *Atlas of the Virginia Flora* by A.M. Harvill, Jr., T.R. Bradley, C.E. Stevens, T.F. Wieboldt, D.M.E. Ware, D.W. Ogle, G.W. Ramsey, and G.P. Fleming (1992), A.E Radford, H.E. Ahles, and C.R. Bell's *Manual of the Vascular Flora of the Carolinas* (1968), and M.L. Fernald's *Gray's Manual of Botany*, 8th edition (1950). The synonymy field is also used to give other pertinent taxonomic information and note when the nomenclature does not follow Kartesz. In addition to the synonymy line, a genus cross-reference is provided so that taxa treated in various genera by different authors can be easily located.

Nomenclature for lichens follows Esslinger, T.L. 1997. A cumulative checklist for the lichen-forming, lichenicolous, and allied fungi of the continental United States and Canada. North Dakota State University: <http://www.ndsu.nodak.edu/instruct/esslinge/chcklst/chcklst7.htm> (First Posted 1 December 1997, Most Recent Update 27 August 2001), Fargo, North Dakota.

Nomenclature for liverworts follows Hicks, Marie L. 1992. Guide to the Liverworts of North Carolina. Duke University Press, Durham, N.C. 239 pp.
Nomenclature for mosses follows the Bryophyte Names Authority List published online by the Missouri Botanical Garden at:
<http://www.mobot.org/MOBOT/tropicos/most/bryolist.shtml>

Column 2. Common name:

A common name is provided for the convenience of the user. Common names for plants are not standardized and many taxa have no entirely satisfactory common name.

Column 3. Global rank:

Global ranks are assigned by a consensus of the network of natural heritage programs, scientific experts, and The Nature Conservancy to designate a rarity rank based on the range-wide status of a species or variety. This system was developed by The Nature Conservancy and is widely used by other agencies and organizations as the best available scientific and objective assessment of a taxon's rarity and level of threat to its existence. The ranks are assigned after considering a suite of factors, including number of occurrences, number of individuals, and severity of threats.

G1 = Critically Imperiled - At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

G2 = Imperiled - At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

G3 = Vulnerable - At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

G4 = Apparently Secure - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

G5 = Secure - Common, widespread and abundant.

GH = Possibly Extinct - Missing; known from only historical occurrences but still some hope of rediscovery.

GX = Presumed Extinct - Not located despite intensive searches and virtually no likelihood of rediscovery.

GU = Unrankable - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. Whenever possible, the most likely rank is assigned and the question mark qualifier is added (e.g., G2?) to express uncertainty, or a range rank (e.g., G2G3) is used to delineate the range of uncertainty.

G_? = Inexact Numeric Rank - Denotes inexact numeric rank (e.g., G3?).

G_Q = Questionable taxonomy - Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower conservation priority (e.g., G3Q).

G_T = Infraspecific Taxa - Signifies the rank of a subspecies or variety. For example, the rank G5T1 would be assigned to a very rare and localized variety of an otherwise widespread and common taxon.

GNR = Unranked - Global rank not yet assessed.

GNA = Not applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Column 4. State rank:

State ranks are assigned in a manner similar to that described for global ranks, but consider only those factors within the political boundaries of Virginia. For example, whereas a plant which is endemic to Virginia (found nowhere else) will have the same global and state ranks, a plant which may be common in the northeastern United States, but only known from a few occurrences in Virginia will have different global and state ranks. By comparing the global and state ranks, the status, rarity, and the urgency of conservation needs can be ascertained.

S1 = Critically Imperiled - At very high risk of extirpation from the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

S2 = Imperiled - At high risk of extirpation from the state due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

S3 = Vulnerable - At moderate risk of extirpation from the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

S4 = Apparently Secure - Uncommon but not rare; some cause for long-term concern due to declines or other factors.

S5 = Secure - Common, widespread and abundant.

SH = Possibly Extirpated - Known only from historical occurrences but still some hope of rediscovery.

SX = Presumed Extirpated - Not located despite intensive searches and virtually no likelihood of rediscovery.

SU = Unrankable - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

S_? = Inexact Numeric Rank - Denotes inexact numeric rank (e.g., S3?).

SNR = Unranked - State conservation status not yet assessed.

SNA = Not Applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Column 5. Federal Status:

Federal Status is determined by the U. S. Fish and Wildlife Service. This includes all species and varieties which are listed as endangered or threatened by the U. S. government and receive protection under the federal Endangered Species Act. The list also notes those taxa which are proposed for listing or are candidates for listing.

LE = Listed Endangered - A taxon is threatened with extinction throughout all or a significant portion of its range.

LT = Listed Threatened - A taxon is likely to become endangered in the foreseeable future.

PE = Proposed Endangered - A taxon is proposed for listing as endangered.

PT = Proposed Threatened - A taxon is proposed for listing as threatened.

C = Candidate - There is enough available information to propose the taxon for listing, but listing is "precluded by other pending proposals of higher priority". The U.S. Fish and Wildlife Service is "directed to make prompt use of the emergency listing if the well-being of any such species is at significant risk."

_* = An * following the status denotes that the species or variety is possibly extinct.

Column 6. State Status:

State status indicates those plants which are listed as state endangered or threatened under the authority of the Virginia Department of Agriculture and Consumer Services.

LE = Listed Endangered

LT = Listed Threatened

PE = Proposed Endangered

PT = Proposed Threatened

C = Candidate for listing as threatened or endangered

ACKNOWLEDGEMENTS

If not for the hard work of many biologists, these plant lists could not accurately reflect our current understanding of the Virginia flora. On the staff of the Division of Natural Heritage, a dedicated staff of botanists and ecologists, including Allen Belden, Phil Coulling, Gary Fleming, Chris Ludwig, Kathleen McCoy, Shelly Parrish, Karen Patterson, Gina Pisoni, Nancy Van Alstine, Dean Walton, Karen Patterson, Kristin Taverna, Irvine Wilson, Mike Leahy, and Darren Loomis have provided many comments to refine the content of the lists. Dean Walton's keen interest in and understanding of non-vascular plants and their rarity in the state of Virginia and elsewhere, and has been instrumental in the listing of non-vascular plants herein. In addition to Heritage staff, the work of the Virginia Atlas Committee allows us a much greater understanding of the status of our botanical heritage. Our thanks go out to Alton Harvill, Ted Bradley, Doug Coleman, Gary Fleming, Doug Ogle, Gwynn Ramsey, Donna Ware, Tom Weiboldt, and Robert Wright.

Recent regional floristic work by Alan Weakley has also been of great assistance, particularly regarding recent taxonomic and nomenclatural changes.

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GENERA INDEX

If you can't find:

Agave
Agropyron
Allium
Arenaria
Arenaria
Armoraceae
Asarum
Aster
Aster
Bumelia
Cacalia
Cacalia
Cacalia
Calamintha
Carduus
Cassia
Centunculus
Callisia
Convolvulus
Croton
Cynoctionum
Dentaria
Dichromena
Diplachne
Disporum
Dracocephalum
Erianthus
Eupatoriadelphus
Euphorbia
Fleischmannia
Gentiana
Gerardia
Gerardia
Gillenia
Gnaphalium
Habenaria
Haplopappus
Hedysotis
Hedysotis
Heterotheca

Look under:

Manfreda
Elymus
Nothoscordum
Honckenya
Minuartia
Moehringia
Neobeckia
Hexastylis
Eurybia
Symphyotrichum
Sideroxylon
Arnoglossum
Hasteola
Neobeckia
Clinopodium
Cirsium
Chamaecrista
Anagallis
Cuthbertia
Calystegia
Crotonopsis
Mitreola
Cardamine
Rhynchospora
Leptochloa
Prosartes
Physostegia
Saccharum
Eupatorium
Chamaesyce
Eupatorium
Gentianopsis
Agalinis
Aureolaria
Porteranthus
Pseudognaphalium
Platanthera
Croptilon
Houstonia
Oldenlandia
Chrysopsis
Houstonia
Hypericum
Isopyrum
Jussiaea
Leptoloma
Lipocarpha
Lippia
Lophotocarpus
Lycopodiella
Lycopodium
Lycopodium
Manisuris
Nemopanthus
Panicum
Panicum
Panicum
Peplos
Potentilla
Psilocarya
Psoralea
Psoralea
Psoralea
Pyrola
Satureja
Schrankia
Scirpus
Scirpus
Senecio
Seymeria
Smilacina
Solidago
Solidago
Sphaeralcea
Tomanthera
Tradescantia
Triodia
Uniola
Verbena
Xanthoxylum
Hedysotis
Triadenum
Enemion
Ludwigia
Digitaria
Hemicarpa
Phyla
Sagittaria
Peudolycopodiella
Lycopodiella
Peudolycopodiella
Huperzia
Coelorachis
Ilex
Dichanthelium
Phanopyrum
Steinchisma
Didiplas
Sibbaldiopsis
Rhynchospora
Onobrychis
Orbea
Pediomelum
Orthilia
Clinopodium
Mimosa
Isolepis
Schoenoplectus
Packera
Dasistoma
Maianthemum
Euthamia
Oligoneuron
Malvastrum
Agalinis
Cuthbertia
Tridens
Chasmantium
Styloodon
Zanthoxylum

PART ONE:

RARE VASCULAR PLANT LIST

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Abies balsamea</i> (L.) P. Mill	Balsam fir	G5	S1		
<i>Abies fraseri</i> (Pursh) Poir.	Fraser fir	G2	S1		
<i>Adiantum capillus-veneris</i> L.	Southern maidenhair-fern	G5	SH		
<i>Aeschynomene virginica</i> (L.) B.S.P.	Sensitive joint-vetch	G2	S2	LT	LT
<i>Agalinis auriculata</i> (Michx.) Blake syn: <i>Gerardia fasciculata</i> Michx.. syn: <i>Tomanthera auriculata</i> (Michx.) Raf.	Earleaf foxglove	G3	S1		
<i>Agalinis paupercula</i> (Gray) Britt. syn: <i>Gerardia paupercula</i> (Gray) Britt.	Small-flower false-foxglove	G5	S1		
<i>Aletris aurea</i> Walt.	Golden colicroot	G5	S1		
<i>Alnus incana</i> (L.) Moench ssp. <i>rugosa</i> (Du Roi Clausen) syn: <i>A. rugosa</i> (Du Roi) Spreng.	Speckled alder	G5T5	S2		
<i>Amaranthus pumilus</i> Raf.	Seabeach amaranth	G2	S1	LT	LT
<i>Amelanchier nantucketensis</i> Bickn.	Nantucket shadbush	G3Q	S1		
<i>Amphicarpum purshii</i> Kunth	Blue maiden-cane	G4	S1		
<i>Anagallis minima</i> (L.) Krause syn: <i>Centunculus minimus</i> L.	Chaffweed	G5	SH		
<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.	Pearly everlasting	G5	S1		
<i>Andropogon mohrii</i> (Hack.) Hack. ex Vasey	Mohr bluestem	G4?	SH		
<i>Anemone berlandieri</i> Pritz.	Eastern prairie anemone	G4?	S1		
<i>Anemone canadensis</i> L.	Canada anemone	G5	S1		
<i>Arabis glabra</i> (L.) Bernh.	Tower-mustard	G5T5	S1		
<i>Arabis hirsuta</i> (L.) Scop. var. <i>adpressipilis</i> (M. Hopkins) Rollins All Virginia <i>A. hirsuta</i> is var. <i>adpressipilis</i>	Hairy rockcress	G5T4Q	S1S2		
<i>Arabis patens</i> Sullivant	Spreading rockcress	G3	S2		
<i>Arabis serotina</i> Steele	Shale-barren rockcress	G2	S2	LE	LT
<i>Arabis shortii</i> (Fern.) Gleason syn: <i>A. perstellata</i> E.L. Braun var. <i>shortii</i> Fern.	Short's rockcress	G5	S2		
<i>Aralia hispida</i> Vent.	Bristly sarsaparilla	G5	S2		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Bearberry	G5	S1		
<i>Arenaria lanuginosa</i> (Michx.) Rohrb. ssp. <i>lanuginosa</i> All Virginia <i>A. lanuginosa</i> is var. <i>lanuginosa</i>	A sandwort	G5T5	SH		
<i>Arethusa bulbosa</i> L.	Dragon's mouth	G4	S1		
<i>Arnoglossum muehlenbergii</i> (Schultz-Bip.) H.E. Robins.	Great Indian-plantain	G4	S2		
syn: <i>Cacalia muhlenbergii</i> (Schultz-Bip.) Fern.					
<i>Asclepias longifolia</i> Michx.	Long-leaf milkweed	G4G5	S1		
<i>Asclepias purpurascens</i> L.	Purple milkweed	G5?	S2		
<i>Asclepias rubra</i> L.	Red milkweed	G4G5	S2		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Asclepias tuberosa</i> L. ssp. <i>rolfsii</i> (Britt. ex Vail) Woods.	Sandhills butterflyweed	G5?T?	S1		
<i>Asplenium bradleyi</i> D.C. Eaton	Bradley's spleenwort	G4	S2		
<i>Astragalus distortus</i> Torr. & Gray var. <i>distortus</i> All Virginia <i>A. distortus</i> is var. <i>distortus</i>	Bent milkvetch	G5T?	S1		
<i>Astragalus neglectus</i> (Torr. & Gray) Sheldon	Cooper's milkvetch	G4	S2		
<i>Bacopa caroliniana</i> (Walt.) B.L. Robins.	Carolina water-hyssop	G4G5	SH		
<i>Bacopa innominata</i> (G.Maza) Alain Virginia material formerly named <i>B. stragula</i> Fern.	Tropical water-hyssop	G3G5	S2		LE
<i>Bacopa rotundifolia</i> (Michx.) Wettst.	Roundleaf water-hyssop	G5	S1		
Virginia material formerly named <i>B. simulans</i> Fern.					
<i>Baptisia albescens</i> Small Given as <i>B. alba</i> (L.) R. Brown in Fernald (1950) and Harvill et al. (1992)	Narrowpod white wild-indigo	G4	S1		
<i>Baptisia cinerea</i> (Raf.) Fern. & Schub.	Hairy wild-indigo	G3G4	SH		
<i>Bartonia verna</i> (Michx.) Raf. ex Bart.	Spring bartonia	G5?	S1		
<i>Betula cordifolia</i> Regel syn: <i>B. papyrifera</i> Marsh. var. <i>cordifolia</i> (Regel) Fern.	Mountain paper birch	G5T5	S2		
All Virginia <i>B. papyrifera</i> is var. <i>cordifolia</i>					
<i>Betula populifolia</i> Marsh.	Gray birch	G5	S1		
<i>Betula uber</i> (Ashe) Fern.	Virginia round-leaf birch	G1Q	S1	LT	LE
<i>Boltonia</i> sp. I	A Boltonia	GNR	S1		
<i>Botrychium jenmanii</i> Underwood syn: <i>B. alabamense</i> Maxon	Alabama grape-fern	G3G4	S1		
<i>Botrychium lanceolatum</i> (Gmel.) Angstr. var. <i>angustisegmentum</i> Pease & Moore All Virginia <i>B. lanceolatum</i> is var. <i>angustisegmentum</i>	Lance-leaved grape-fern	G5T4	S1		
<i>Botrychium multifidum</i> (Gmel.) Trev.	Leathery grape-fern	G5	S1		
<i>Botrychium oneidense</i> (Gilbert) House	Blunt-lobe grape fern	G4Q	S2		
<i>Botrychium simplex</i> E. Hitchc.	Least grape-fern	G5	S1		
<i>Bromus ciliatus</i> L.	Fringed brome grass	G5	S1		
<i>Bromus kalmii</i> Gray	Wild chess	G5	S1		
<i>Buchnera americana</i> L.	Blue-hearts	G5?	S1S2		
<i>Buckleya distichophylla</i> (Nutt.) Torr.	Piratebush	G2	S2		LE
<i>Burmannia biflora</i> L.	Northern burmannia	G4G5	SH		
<i>Cabomba caroliniana</i> Gray	Carolina fanwort	G3G5	S1		
<i>Calamovilfa brevipilis</i> (Torr.) Scribn. var. <i>calvipes</i> Fern. not recognized	Pine barrens reedgrass	G4	S1		
<i>Calopogon pallidus</i> Chapman	Pale grass-pink	G4G5	S1		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Calopogon tuberosus</i> (L.) B.S.P. var. <i>tuberosus</i> All Virginia <i>C. tuberosus</i> is var. <i>tuberosus</i>	Tuberous grass-pink	G5T5	S2		
<i>Calycanthus floridus</i> L. var. <i>floridus</i>	Sweet-shrub	G5T4	S2?		
<i>Calycanthus floridus</i> L. var. <i>glaucus</i> (Willd.) Torr. & Gray	Smooth sweet-shrub	G5T5	S1?		
<i>Camassia scilloides</i> (Raf.) Cory	Wild hyacinth	G4G5	S2		
<i>Campanula rotundifolia</i> L.	American harebell	G5	S1		
<i>Cardamine clematitis</i> Shuttlw. ex Gray	Mountain bittercress	G2G3	S1		
<i>Cardamine dissecta</i> (Leavenworth) Al-Shehbaz syn: <i>Dentaria multifida</i> Muhl. ex Ell.	Divided-leaved toothwort	G4?	S1		
<i>Cardamine flagellifera</i> O.E. Schulz	A bittercress	G3	S1		
<i>Cardamine micranthera</i> Rollins	Small-anthered bittercress	G1	S1	LE	LE
<i>Cardamine pratensis</i> L. Only native Virginia populations are monitored	Cuckooflower	G5	S1		
<i>Carex aestivaliformis</i> Mackenz. syn: <i>Carex x aestivaliformis</i> Mackenz.	A sedge	GNR	S1		
<i>Carex aquatilis</i> Wahlenb syn: <i>C. aquatilis</i> var. <i>altior</i> (Rydberg) Fernald	Aquatic sedge	G5	S1		
<i>Carex arctata</i> Boott ex Hook.	Black sedge	G5?	S1		
<i>Carex atherodes</i> Spreng.	Awned sedge	G5	S1		
<i>Carex barrattii</i> Schwein. & Torr.	Barratt's sedge	G4	S2		
<i>Carex bebbii</i> Olney ex Fern.	Bebb's sedge	G5	S1		
<i>Carex buxbaumii</i> Wahlenb.	Buxbaum's sedge	G5	S2		
<i>Carex conoidea</i> Schkuhr ex Willd.	Field sedge	G5	S1S2		
<i>Carex cravei</i> Dewey	Craw's sedge	G5	S2		
<i>Carex cristatella</i> Britt.	Crested sedge	G5	S2		
<i>Carex crus-corvi</i> Shuttlw. ex Kunze	Ravenfoot sedge	G5	S1S2		
<i>Carex davisii</i> Schwein. & Torr.	Davis' sedge	G4	S1		
<i>Carex decomposita</i> Muhl.	Cypress-knee sedge	G3	S2		
<i>Carex flava</i> L.	Green sedge	G5	S1		
<i>Carex interior</i> Bailey	Inland sedge	G5	S1		
<i>Carex juniperorum</i> Catling, Reznicek, & Crins	Juniper sedge	G2	S1		LE
<i>Carex lacustris</i> Willd.	Lake-bank sedge	G5	S1		
<i>Carex lasiocarpa</i> Ehrh var. <i>americana</i> Fern. Does not include <i>C. lanuginosa</i> Michx.	Slender sedge	G5T5	S1		
<i>Carex lupuliformis</i> Sartwell ex Dewey Under <i>C. lupulina</i> Willd. in Harvill et al. (1992)	False hop sedge	G4	S2		
<i>Carex manhartii</i> Bryson	Manhart's sedge	G3	S1		
<i>Carex oklahomensis</i> Mackenzie	Sooner sedge	G4	S1		
<i>Carex ormostachya</i> Wieg.	Necklace spike sedge	G4	S1		
<i>Carex pallescens</i> L.	Pale sedge	G5	S1		
<i>Carex polymorpha</i> Muhl.	Variable sedge	G3	S2		LE
<i>Carex prairea</i> Dewey ex Wood	Prairie sedge	G5?	S1		
<i>Carex reniformis</i> (Bailey) Small	Reniform sedge	G4?	SH		

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex roanensis</i> F.J. Herm	Roan Mountain sedge	G2	S2		
<i>Carex schweinitzii</i> Dewey ex Schwein.	Schweinitz's sedge	G3G4	S1		
<i>Carex silicea</i> Olney	Sea-beach sedge	G5	S1		
<i>Carex</i> sp. 2 sp. nov.	A sedge	GNR	S1		
Mountain species in Section <i>Acrocystis</i> <i>(Montanae)</i>					
<i>Carex</i> sp. 4 sp. nov.	A sedge	G?	S1		
Coastal plain species in Section <i>Acrocystis</i> <i>(Montanae)</i>					
<i>Carex sterilis</i> Willd.	Sterile sedge	G4	S1		
<i>Carex straminea</i> Willd. ex Schkuhr	Straw sedge	G5	S1		
Does not include <i>C. hormathodes</i> Fern.					
<i>Carex tenera</i> Dewey	Slender sedge	G5	S1?		
<i>Carex utriculata</i> Boott	Beaked sedge	G5	S1		
Given as <i>C. rostrata</i> Stokes in Fernald (1950) and Harvill et al. (1992)					
<i>Carex vesicaria</i> L.	Inflated sedge	G5	S1S2		
<i>Carex vestita</i> Willd.	Velvety sedge	G5	S2		
<i>Carphephorus bellidifolius</i> (Michx.) Torr. & Gray	Sandy-woods chaffhead	G4	S1		
<i>Carphephorus tomentosus</i> (Michx.) Torr. & Gray	Woolly chaffhead	G4	S1		
<i>Carya carolinae-septentrionalis</i> (Ashe) Engl. & Graebn.	Southern shagbark hickory	G5?	S1		
<i>Cerastium arvense</i> L. ssp. <i>velutinum</i> (Raf.) Ugborogho	A field chickweed	G5T4?	S2?		
<i>Chamaesyce bombensis</i> (Jacq.) Dugand	Southern beach spurge	G4G5	S2		
syn: <i>Euphorbia ammannioides</i> Kunth					
<i>Cheilanthes alabamensis</i> (Buckl.) Kunze	Alabama lipfern	G4G5	S1		
<i>Cheilanthes eatonii</i> Baker	Chestnut lipfern	G5?	S2		
syn: <i>C. castanea</i> Maxon					
<i>Cheilanthes feei</i> T. Moore	Fee's lipfern	G5	S1		
<i>Chelone cuthbertii</i> Small	Cuthbert turtlehead	G3	S2		
<i>Chelone obliqua</i> L.	Red turtlehead	G4	S1		
<i>Chrysopsis gossypina</i> (Michx.) Ell.	Cottony golden-aster	G5	S1		
syn: <i>Heterotheca gossypina</i> (Michx.) Shinners					
<i>Cicuta bulbifera</i> L.	Bulb-bearing water- hemlock	G5	SH		
<i>Cimicifuga rubifolia</i> Kearney	Appalachian bugbane	G3	S2		
<i>Cirsium altissimum</i> (L.) Hill	Tall thistle	G5	SH		
syn: <i>Carduus altissimus</i> L.					
<i>Cirsium carolinianum</i> (Walt.) Fern. & Schub.	Carolina thistle	G5	S1		
syn: <i>Carduus carolinianus</i> Walt.					
<i>Cirsium nuttallii</i> DC.	Nuttall's thistle	G5	SH		
syn: <i>Carduus nuttallii</i> (DC.) Pollard					
<i>Cirsium repandum</i> Michx.	Coastal-plain thistle	G5	SH		
syn: <i>Carduus repandus</i> (Michx.) Pers.					

Rare Vascular Plant List

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<i>Cirsium virginianum</i> (L.) Michx. syn: <i>Carduus virginianus</i> L.	Virginia thistle	G3	S2		
<i>Cladium jamaicense</i> Crantz syn: <i>C. mariscus</i> (L.) Pohl ssp. <i>jamaicense</i> (Crantz) Kukenth	Sawgrass	G5T5	S2		
<i>Cleistes bifaria</i> (Fern.) Catling & Gregg	Small spreading pogonia	G3G4	S2		
<i>Cleistes divaricata</i> (L.) Ames	Spreading pogonia	G4	S1		
<i>Clematis addisonii</i> Britt.	Addison's leatherflower	G2	S2		
<i>Clematis catesbyana</i> Pursh Under <i>C. virginiana</i> L. in Radford et al. (1968)	Satin-curls	G4G5	S1		
<i>Clematis glaucocephala</i> Small	White-leaved leatherflower	G4?	SH		
<i>Clematis occidentalis</i> (Hornem.) DC. var. <i>occidentalis</i> syn: <i>C. verticillatus</i> DC. All Virginia <i>C. occidentalis</i> is var. <i>occidentalis</i>	Purple clematis	G5T5	S2		
<i>Clematis viticaulis</i> Steele	Millboro leatherflower	G2	S2		
<i>Clinopodium glabellum</i> (Michx.) Kuntze syn: <i>Calamintha glabella</i> (Michx.) Benth. syn: <i>Satureja glabella</i> (Michx.) Briq.	Savory	G3Q	SH		
<i>Cocculus carolinus</i> (L.) A. DC. Only native Virginia populations are monitored	Red-berried moonseed	G5	S1		
<i>Coelorachis rugosa</i> (Nutt.) Nash syn: <i>Manisuris rugosa</i> (Nutt.) Kuntze	Wrinkled jointgrass	G5	S1		
<i>Collinsia verna</i> Nutt.	Eastern blue-eyed Mary	G5	S2		
<i>Collinsonia verticillata</i> Baldw.	Whorled horse-balm	G3	S1		
<i>Conioselinum chinense</i> (L.) B.S.P.	Hemlock parsley	G5	S1		
<i>Corallorrhiza bentleyi</i> Freudenstein	Bentley's coralroot	G1G2	S1		LE
<i>Corallorrhiza maculata</i> (Raf.) Raf. var. <i>occidentalis</i> (Lindl.) Cockerell	Western spotted coralroot	G5T?	S1		
<i>Coreopsis falcata</i> Boynton	Pool coreopsis	G4G5	S1		
<i>Coreopsis linifolia</i> Nutt syn: <i>C. oniscicarpa</i> Fern.	Atlantic tickseed	G4Q	S1		
<i>Cornus canadensis</i> L.	Bunchberry	G5	S1		
<i>Cornus rugosa</i> Lam.	Roundleaf dogwood	G5	S1		
<i>Cornus sericea</i> L. ssp. <i>sericea</i> syn: <i>C. stolonifera</i> Michx., all Virginia <i>C. sericea</i> L. is ssp. <i>sericea</i>	Red-osier dogwood	G5T5	S1		
<i>Crataegus calpodendron</i> (Ehrh.) Medik.	Pear hawthorn	G5	S1		
<i>Crataegus mollis</i> Scheele	A hawthorn	G5	S1		
<i>Crataegus spathulata</i> Michx.	A hawthorn	G5	S1		

Rare Vascular Plant List

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<i>Crataegus succulenta</i> Schrad. ex Link	Fleshy hawthorn	G5	S1		
<i>Crotalaria purshii</i> DC.	A rattle-box	G5	S2		
<i>Crotalaria rotundifolia</i> Walt. ex J.F. Gmel. syn: <i>C. angulata</i> P. Mill.	Prostrate rattle-box	G5	SH		
<i>Ctenium aromaticum</i> (Walt.) Wood	Toothache grass	G5	S1		
<i>Cuscuta cephalanthi</i> Engelm.	Button-bush dodder	G5	S1?		
<i>Cuscuta coryli</i> Engelm.	Hazel dodder	G5	S2?		
<i>Cuscuta indecora</i> Choisy	Pretty dodder	G5	S2?		
<i>Cuscuta polygonorum</i> Engelm.	Smartweed dodder	G5	S2?		
<i>Cuscuta rostrata</i> Shuttlw. ex Engelm. & Gray	Beaked dodder	G4	S2		
<i>Cuthbertia graminea</i> Small syn: <i>Tradescantia rosea</i> Vent. var. <i>graminea</i> (Small) E.S. Anderson & Woods	Grass-like roselings	G5	S1		
	syn: <i>Callisia graminea</i> (Small) G. Tucker				
<i>Cyperus acuminatus</i> Torr. & Hook. ex Torr.	Short-point flatsedge	G5	SH		
<i>Cyperus dentatus</i> Torr.	Toothed flatsedge	G4	S1		
<i>Cyperus diandrus</i> Torr.	Umbrella flatsedge	G5	S1		
<i>Cyperus engelmannii</i> Steud. Under <i>C. odoratus</i> L. in Kartesz (1999) and Harvill et al. (1992)	Engelmann's flatsedge	G4Q	S1		
<i>Cyperus granitophilus</i> McVaugh	Granite-loving flatsedge	G3Q	S1		
<i>Cyperus houghtonii</i> Torr.	Houghton's flatsedge	G4?	SH		
<i>Cyperus plukenetii</i> Fern.	Plukenet's flatsedge	G5	S2		
<i>Cypripedium candidum</i> Muhl. ex Willd. <i>Cypripedium kentuckiense</i> C.F. Reed	Small white lady's-slipper	G4	S1		
	Kentucky lady's-slipper	G3	S1		
<i>Cypripedium reginae</i> Walt.	Showy lady's-slipper	G4	S1		
<i>Cystopteris fragilis</i> (L.) Bernh. Does not include <i>C. tenuis</i> (Michx.) Desv.	Fragile fern	G5	S1?		
<i>Cystopteris tennesseensis</i> Shaver	Tennessee bladderfern	G5	S1		
<i>Dalibarda repens</i> L.	Robin-runaway	G5	S1		
<i>Dasistoma macrophylla</i> (Nutt.) Raf. syn: <i>Seymeria macrophylla</i> (Nutt.) Raf.	Mullein foxglove	G4	S1		
<i>Deschampsia caespitosa</i> (L.) Beauv.	Tufted hairgrass	G5	S1		
<i>Desmodium canadense</i> (L.) DC.	Showy tick-trefoil	G5	S1		
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex Loud. var. <i>cuspidatum</i> All Virginia <i>D. cuspidatum</i> is var. <i>cuspidatum</i>	Toothed tick-trefoil	G5T5?	S2		
<i>Desmodium ochroleucum</i> M.A. Curtis ex Canby	Creamflower tick-trefoil	G1G2	SH		
<i>Desmodium sessilifolium</i> (Torr.) Torr. & Gray	Sessile-leaf tick-trefoil	G5	S2		
<i>Desmodium strictum</i> (Pursh) DC.	Pineland tick-trefoil	G4	S2		
<i>Desmodium tenuifolium</i> Torr. & Gray	Slim-leaf tick-trefoil	G4	S1		

Rare Vascular Plant List

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<i>Diamorpha smallii</i> Britt. ex Small syn: <i>Sedum smallii</i> (Britton ex Small) Ahles	Small's stonecrop	G4	S1		
<i>Diarrhena obovata</i> (Gleason) Brandenburg syn: <i>D. americana</i> Beauv. var. <i>obovata</i> Gleason	Western beakgrain	G4G5	S1		
<i>Dichanthelium annulum</i> (Ashe) LeBlond syn: <i>Panicum annulum</i> Ashe	Ringed panic grass	G5TNRQ	S1		
<i>Dichanthelium caerulescens</i> (Hack. ex Hitchc.) Correll syn: <i>Panicum caerulescens</i> Hack ex A.S. Hitchc. Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999)	Blue witch grass	G2G3	S1		
<i>Dichanthelium consanguineum</i> (Kunth) Gould & C.A. Clark syn: <i>Panicum consanguineum</i> Kunth	Blood panic grass	G5	S1?		
<i>Dichanthelium ovale</i> (Ell.) Gould & C. A. Clark var. <i>Oval-fruited panic ovale</i> syn: <i>Panicum ovale</i> Ell. var. <i>ovale</i>	Oval-fruited panic grass	G5T5	S1?		
<i>Dichanthelium strigosum</i> (Muhl. ex Ell.) Freckmann var. <i>strigosum</i> syn: <i>Panicum strigosum</i> Muhl. ex Ell. var. <i>strigosum</i>	Rough-hair panic grass	G5T5	S1		
<i>Didiplis diandra</i> (Nutt. ex DC.) Wood syn: <i>Peplis diandra</i> Nutt. ex DC.	Water-purslane	G5	S1		
<i>Digitaria cognata</i> (J.A. Schultes) Pilger syn: <i>Leptoloma cognata</i> (J.A. Schultes) Chase	Fall witch grass	G5	S2		
<i>Digitaria serotina</i> (Walt.) Michx.	Dwarf crabgrass	G5?	S1		
<i>Echinacea laevigata</i> (C.L. Boynt. & Beadle) Blake	Smooth coneflower	G2	S2	LE	LT
<i>Echinocystis lobata</i> (Michx.) Torr. & Gray	Wild mock-cucumber	G5	S1?		
<i>Echinodorus tenellus</i> (Mart.) Buch. syn: <i>Echinodorus parvulus</i> Engelm.	Dwarf burhead	G5?	S1		
<i>Elatine minima</i> (Nutt.) Fisch. & C.A. Mey.	Small waterwort	G5	S1		
<i>Eleocharis baldwinii</i> (Torr.) Chapman	Baldwin spikerush	G4G5	S1		
<i>Eleocharis compressa</i> Sullivant Under <i>E. elliptica</i> Kunth in Harvill et al. (1992)	Flattened spikerush	G4	S2		
<i>Eleocharis equisetoides</i> (Ell.) Torr.	Horse-tail spikerush	G4	S1		
<i>Eleocharis halophila</i> (Fern. & Brack.) Fern. & Brack.	Salt-marsh spikerush	G4	S1		
<i>Eleocharis intermedia</i> J.A. Schultes	Matted spikerush	G5	S1		
<i>Eleocharis melanocarpa</i> Torr.	Black-fruited spikerush	G4	S2		
<i>Eleocharis radicans</i> (A. Dietr.) Kunth	Rooted spikerush	G5	SH		
<i>Eleocharis robbinsii</i> Oakes	Robbins spikerush	G4G5	S1		
<i>Eleocharis tricostata</i> Torr.	Three-angle spikerush	G4	S1		

Rare Vascular Plant List

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<i>Eleocharis vivipara</i> Link	Viviparous spikerush	G5	S1		
<i>Elymus canadensis</i> L.	Nodding wild rye	G5	S2?		
<i>Elymus trachycaulus</i> (Link) Gould ex Shinners ssp. <i>trachycaulus</i>	Slender wheatgrass	G5T5	S2		
	syn: <i>Agropyron trachycaulum</i> (Link) Malte ex H.F. Lewis				
	All Virginia <i>E. trachycaulus</i> is ssp. <i>trachycaulus</i>				
<i>Enemion biternatum</i> Raf.	False rue-anemone	G5	S1		
	syn: <i>Isopyrum biternatum</i> (Raf.) Torr. & Gray				
<i>Epilobium leptophyllum</i> Raf.	Linear-leaved willow-herb	G5	S2		
<i>Equisetum fluviatile</i> L.	Water horsetail	G5	S1		
<i>Equisetum sylvaticum</i> L.	Woodland horsetail	G5	S1		
<i>Erigeron vernus</i> (L.) Torr. & Gray	White-top fleabane	G5	S2		
<i>Eriocaulon aquaticum</i> (Hill) Druce	Seven-angled pipewort	G5	S1		
	syn: <i>E. septangulare</i> Withering				
	syn: <i>E. pellucidum</i> Michx.				
<i>Eriocaulon decangulare</i> L.	Ten-angle pipewort	G5	S2		
<i>Eriocaulon parkeri</i> B.L. Robins.	Parker's pipewort	G3	S2		
<i>Eryngium integrifolium</i> Walt.	Savanna eryngo	G5	S1		
<i>Eryngium yuccifolium</i> Michx. var. <i>yuccifolium</i>	Rattlesnake-master	G5T?	S2		
	All Virginia <i>E. yuccifolium</i> is var. <i>yuccifolium</i>				
<i>Erysimum capitatum</i> (Dougl. ex Hook.) Greene var. <i>capitatum</i>	Western wallflower	G5T5	S2		
	All Virginia <i>E. capitatum</i> is var. <i>capitatum</i>				
<i>Erythronium albidum</i> Nutt.	White trout-lily	G5	S2		
<i>Eupatorium glaucescens</i> Ell.	Wedge-leaf thoroughwort	G5	SH		
	syn: <i>E. cuneifolium</i> Willd.				
<i>Eupatorium incarnatum</i> Walt.	Pink thoroughwort	G5	S2		
	syn: <i>Fleischmannia incarnata</i> (Walt.) King & H.E. Robins.				
<i>Eupatorium maculatum</i> L. var. <i>maculatum</i>	Spotted joe-pye weed	G5T5	S2		
	syn: <i>Eupatoriadelphus maculatus</i> (L.) King & H.E. Robins.				
	All Virginia <i>E. maculatum</i> is var. <i>maculatum</i>				
<i>Euphorbia exserta</i> (Small) Coker	Coastal-sand spurge	G4?	S1		
<i>Euphorbia purpurea</i> (Raf.) Fern.	Glade spurge	G3	S2		
<i>Eurybia radula</i> (Ait.) Nesom	Rough-leaved aster	G5	S1		
	syn: <i>Aster radula</i> Ait.				
<i>Eurybia surculosa</i> (Michx.) Nesom	Creeping aster	G4G5	S1		
	syn: <i>Aster surculosus</i> Michx.				
<i>Filipendula rubra</i> (Hill) B.L. Robins.	Queen-of-the-prairie	G4G5	S2		
<i>Fimbristylis perpusilla</i> Harper ex Small & Britt.	Harper's fimbry	G2	S1		LE

Rare Vascular Plant List

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<i>Fimbristylis puberula</i> (Michx.) Vahl var. <i>puberula</i> Under <i>F. spadicea</i> (L.) Vahl. in Radford et al. (1968)	Hairy fimbry	G5T?	S1		
Under <i>F. caroliniana</i> (Lam.) Fern. in Fernald (1950)					
All Virginia <i>F. puberula</i> is var. <i>puberula</i>					
<i>Fragaria vesca</i> L. ssp. <i>americana</i> (Porter) Staudt All native <i>F. vesca</i> is ssp. <i>americana</i>	Woodland strawberry	G5T?	S2?		
<i>Fuirena breviseta</i> (Coville) Coville Under <i>F. squarrosa</i> Michx. in Radford et al. (1968)	An umbrella sedge	G5	SH		
<i>Gaylussacia brachycera</i> (Michx.) Gray	Box huckleberry	G2G3	S2		
<i>Gentiana autumnalis</i> L.	Pine-barren gentian	G3	S1		
<i>Gentianella quinquefolia</i> (L.) Small ssp. <i>occidentalis</i> (Gray) J. Gillett	Western stiff gentian	G5T?	S1?		
<i>Gentianopsis crinita</i> (Froel.) Ma syn: <i>Gentiana crinita</i> Froel.	Fringed gentian	G5	S1		
<i>Geranium robertianum</i> L.	Herb-robert	G5	S2		
<i>Geum aleppicum</i> Jacq.	Yellow avens	G5	SH		
<i>Geum laciniatum</i> var. <i>laciniatum</i>	Rough avens	G5T?	S1		
<i>Geum laciniatum</i> Murr. var. <i>trichocarpum</i> Fern.	Rough avens	G5T?	S2?		
<i>Glyceria grandis</i> S. Wats. var. <i>grandis</i> All Virginia <i>G. grandis</i> is var. <i>grandis</i>	American managrass	G5T?	S1		
<i>Glyceria laxa</i> (Scribn.) Scribn.	Northern managrass	G5	S1?		
<i>Gnaphalium uliginosum</i> L.	Low cudweed	G5	S1		
<i>Goodyera repens</i> (L.) R. Br. ex Ait. f. var. <i>ophioides</i> Fern.	Dwarf rattlesnake plantain	G5T?Q	S2?		
All Virginia <i>G. repens</i> is var. <i>ophioides</i>					
<i>Hasteola suaveolens</i> (L.) Pojark.	Sweet-scented Indian-plantain	G3G4	S2		
syn: <i>Cacalia suaveolens</i> (L.) Pojark. syn: <i>Synosma suaveolens</i> Raf. ex Britt.					
<i>Hedyotis nigricans</i> (Lam.) Fosberg syn: <i>Houstonia nigricans</i> (Lam.) Fern.	Barren bluets	G5	S1		
<i>Helenium brevifolium</i> (Nutt.) Wood	Shortleaf sneezeweed	G3G4	S2		
<i>Helenium virginicum</i> Blake	Virginia sneezeweed	G3	S2	LT	LE
<i>Helianthemum bicknellii</i> Fern.	Plains frostweed	G5	S1		
<i>Helianthemum propinquum</i> Bickn.	Low frostweed	G4	S1		
<i>Helianthus occidentalis</i> Riddell Virginia ssp. not yet determined	Western sunflower	G5	S1		
<i>Heliotropium curassavicum</i> L.	Seaside heliotrope	G5	S1		
<i>Helonias bullata</i> L.	Swamp-pink	G3	S2S3	LT	LE
<i>Hemicarpha micrantha</i> (Vahl) Pax syn: <i>Lipocarpha micrantha</i> (Vahl) G. Tucker	Dwarf bulrush	G5	S1		
<i>Heteranthera multiflora</i> (Griseb.) Horn	Multiflowered mud-plantain	G4	S1		
<i>Heuchera alba</i> Rydb.	White alumroot	G2Q	S2?		

Rare Vascular Plant List

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<i>Heuchera caroliniana</i> (Rosendahl, Butters & Lakela) E. Wells	Carolina alumroot	G3	S1		
<i>Hexastylis shuttleworthii</i> (Britten & Baker) Small var. <i>shuttleworthii</i>	Large-flowered heartleaf	G4T4	S2?		
All Virginia <i>H. shuttleworthii</i> is var. <i>shuttleworthii</i>					
<i>Hierochloe odorata</i> (L.) Beauv. ssp. <i>odorata</i>	Vanilla grass	G5T5	S1		
<i>Honckenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten	Sea-beach sandwort	G5T4	SH		
syn: <i>Honkenya peploides</i> (L.) Ehrh.					
syn: <i>Arenaria peploides</i> L. var. <i>robusta</i> Fern.					
All Virginia <i>H. peploides</i> is ssp. <i>robusta</i>					
<i>Hordeum jubatum</i> L.	Fox-tail barley	G5	S1		
Only native Virginia occurrences are monitored					
<i>Houstonia canadensis</i> Willd. ex Roemer & J.A. Schultes	Canada bluets	G4G5	S2		
syn: <i>Hedyotis canadensis</i> (Willd. ex Roemer & J.A. Schultes) Fosberg					
<i>Huperzia appalachiana</i> Beitel & Mickel	Appalachian fir clubmoss	G4G5	S2		
Under <i>Lycopodium selago</i> L. in Harvill et al. (1992), Radford et al. (1968), and Fernald (1950)					
<i>Huperzia porophila</i> (Lloyd & Underwood) Holub	Rock clubmoss	G4	S1		
syn: <i>Lycopodium porophilum</i> Lloyd & Underwood					
<i>Hydrocotyle bonariensis</i> Comm. ex Lam.	Coastal water-pennywort	G5	S1?		
<i>Hypericum adpressum</i> Raf. ex W. Bart.	Creeping St. John's-wort	G3	S1		
<i>Hypericum boreale</i> (Britt.) Bickn.	Northern St. John's-wort	G5	S2		
<i>Hypericum denticulatum</i>	Coppery St. John's-wort	G5	SH		
Does not include <i>H. virgatum</i> (= <i>H. denticulatum</i> var. <i>acutifolium</i> Ell.)					
<i>Hypericum ellipticum</i> Hook.	Pale St. John's-wort	G5	SH		
<i>Hypericum setosum</i> L.	A St. John's-wort	G4G5	S1S2		
<i>Hypoxis sessilis</i> L.	Glossy-seeded stargrass	G4	SH		
Includes <i>H. longii</i> Fern.					
<i>Ilex collina</i> Alexander	Long-stalked holly	G3	S2		LE
syn: <i>Nemopanthus collinus</i> (Alexander) R. Clark					
<i>Ilex coriacea</i> (Pursh) Chapman	Bay-gall holly	G5	S2		
<i>Iliamna corei</i> Sherff	Peter's Mountain-mallow	G1Q	S1	LE	LE
Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)					

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Iliamna remota</i> Greene	Kankakee globe-mallow	G1Q	S1		
	Under <i>I. rivularis</i> (Dougl. ex Hook.) Greene var. <i>rivularis</i> in Kartesz (1999)				
<i>Isoetes appalachiana</i> Brunton & Britton	Appalachian quillwort	G4	S2?		
<i>Isoetes hyemalis</i> Brunton	Winter quillwort	G2G3	S2		
<i>Isoetes lacustris</i> L.	Lake quillwort	G5	S1?		
	Given as <i>I. macrospora</i> Durieu in Harvill et al. (1992)				
<i>Isoetes melanopoda</i> Gay & Durieu ex Durieu	Blackfoot quillwort	G5	S1?		
<i>Isoetes piedmontana</i> (N.E. Pfeiffer) C.F. Reed	Piedmont quillwort	G3	S1?		
<i>Isoetes virginica</i> N.E. Pfeiffer	Virginia quillwort	G1	S1?		
<i>Isotria medeoloides</i> (Pursh) Raf.	Small whorled pogonia	G2	S2	LT	LE
<i>Iva imbricata</i> Walt.	Sea-coast marsh-elder	G5?	S1S2		
<i>Juncus abortivus</i> Chapman	Pine-barren rush	G4G5	S1		
<i>Juncus articulatus</i> L.	Jointed rush	G5	S1S2		
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm.	Baltic rush	G5T5	S1		
All Virginia <i>J. balticus</i> is var. <i>littoralis</i>					
<i>Juncus brachyccephalus</i> (Engelm.) Buch.	Small-headed rush	G5	S2		
<i>Juncus brevicaudatus</i> (Engelm.) Fern.	Narrow-panicked rush	G5	S2		
<i>Juncus caesariensis</i> Coville	New Jersey rush	G2	S2		LT
<i>Juncus elliottii</i> Chapman	Bog rush	G4G5	S1S2		
<i>Juncus megacephalus</i> M.A. Curtis	Big-headed rush	G4G5	S2		
<i>Juncus nodosus</i> L.	Knotted rush	G5	S1		
<i>Juncus pelocarpus</i> E. Mey.	Brown-fruited rush	G5	S1		
<i>Juncus torreyi</i> Coville	Torrey's rush	G5	S2		
<i>Juncus trifidus</i> L.	Highland rush	G5	S1		
<i>Juniperus communis</i> L. var. <i>depressa</i> Pursh	Ground juniper	G5T5	S1		
All Virginia <i>J. communis</i> is var. <i>depressa</i>					
<i>Kalmia angustifolia</i> L.	Sheep-laurel	G5	S2		
<i>Kalmia carolina</i> Small	Carolina sheep-laurel	G4	S2		
	syn: <i>Kalmia anugustifolia</i> L. var. <i>caroliniana</i> (Small) Fernald				
<i>Lachnanthes caroliniana</i> (Lam.) Dandy	Redroot	G4	SH		
syn: <i>L. caroliana</i> (Lam.) Dandy					
syn: <i>L. tinctoria</i> (G.F. Gmel.) Ell.					
<i>Lachnocaulon anceps</i> (Walt.) Morong	Bog-buttons	G5	S2		
<i>Lathyrus palustris</i> L.	Vetchling	G5	S1		
<i>Lechea intermedia</i> Leggett ex Britt. var. <i>intermedia</i>	Narrowleaf pinweed	G5T?	S1?		
All Virginia <i>L. intermedia</i> is var. <i>intermedia</i>					
<i>Leersia hexandra</i> Sw.	Club-head cutgrass	G5	SH		
<i>Lemna trisulca</i> L.	Star duckweed	G5	S1		
<i>Leucothoe fontanesiana</i> (Steud.) Sleumer	Highland dog-hobble	G5	S1S2		
	syn: <i>L. editorum</i> Fern. & Schub.				
	syn: <i>L. axillaris</i> (Lam.) D. Don var. <i>editorum</i> (Fern. & Shub.) Ahles				

Rare Vascular Plant List

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<i>Lilaeopsis carolinensis</i> Coulter & Rose syn: <i>L. attenuata</i> (Hook. & Arn.) Fern.	Carolina lilaeopsis	G3G5	S1		
<i>Lilium catesbaei</i> Walt.	Southern red lily	G4	S1		
<i>Lilium grayi</i> S. Wats. Includes low-elevation (< 1200 m.) occurrences, which are likely intergrades between <i>L. grayi</i> and <i>L. canadense</i> (syn: <i>L. x pseudograyi</i> Grove)	Gray's lily	G3	S2		
<i>Lilium pyrophilum</i> M.W. Skinner & Sorrie	Sandhills lily	G2?Q	S1		
<i>Limosella australis</i> R. Br. syn: <i>L. subulata</i> Ives	Mudwort	G4G5	SH		
<i>Liparis loeselii</i> (L.) L.C. Rich.	Bog twayblade	G5	S2		
<i>Lipocarpha maculata</i> (Michx.) Torr.	American lipocarpha	G5	S1		
<i>Lithospermum caroliniense</i> (Walt. ex J.F. Gmel.) MacM.	Golden puccoon	G4G5	S1		
<i>Litsea aestivalis</i> (L.) Fern.	Pondspice	G3	S1		
<i>Lobelia elongata</i> Small	Elongated lobelia	G4G5	S1		
<i>Lotus helleri</i> Britt. syn: <i>L. purshianus</i> F.E. & E.G. Clements var. <i>helleri</i> (Britton) Isely	Carolina prairie-trefoil	G3T3	S1		
<i>Ludwigia alata</i> Ell.	Winged seedbox	G4	S1		
<i>Ludwigia brevipes</i> (B.H. Long ex Britt., A. Braun & Small) Eames	Long beach seedbox	G2G4	S2		
<i>Ludwigia hirtella</i> Raf.	Rafinesque's seedbox	G5	S1		
<i>Ludwigia pilosa</i> Walt.	Hairy seedbox	G5	S1		
<i>Ludwigia ravenii</i> Peng	Raven's seedbox	G2?	S1		
<i>Ludwigia repens</i> J.R. Forst.	Creeping seedbox	G5	S1		
<i>Ludwigia virgata</i> Michx.	Savanna seedbox	G5	SH		
<i>Lycopodiella inundata</i> (L.) Holub syn: <i>Lycopodium inundatum</i> L.	Northern bog clubmoss	G5	S1		
<i>Lycopodiella marginariae</i> J.G. Bruce, W.H. Wagner, & Beitel	Northern prostrate clubmoss	G2	S1		LT
The morphologically similar <i>Lycopodiella x gilmanii</i> is a fertile diploid hybrid between <i>L. appressa</i> and <i>L. inundata</i> .					
<i>Lysimachia hybrida</i> Michx.	Lowland loosestrife	G5	S2		
<i>Lysimachia quadriflora</i> Sims	Smooth loosestrife	G5?	S1		
<i>Lysimachia radicans</i> Hook.	Trailing loosestrife	G4G5	SH		
<i>Lythrum alatum</i> Pursh var. <i>alatum</i> syn: <i>Lythrum alatum</i> Pursh var. <i>alatum</i>	Winged loosestrife	G5T5	S2		
<i>Lythrum lanceolatum</i> Ell. syn: <i>Lythrum alatum</i> Pursh var. <i>lanceolatum</i> (Ell.) Torr. & Gray ex Rothrock	Lance-leaved loosestrife	G5T5	SH		
<i>Magnolia macrophylla</i> Michx.	Bigleaf magnolia	G5	S1		

Rare Vascular Plant List

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<i>Maianthemum stellatum</i> (L.) Link syn: <i>Smilacina stellata</i> (L.) Desf.	Starry false solomon's-seal	G5	S2?		
<i>Malvastrum hispidum</i> (Pursh) Hochr. syn: <i>Sphaeralcea angusta</i> (Gray) Fern.	Hispid falsemallow	G5	S1		
<i>Manfreda virginica</i> (L.) Salisb. ex Rose syn: <i>Agave virginica</i> L.	False aloe	G5	S2		
<i>Marshallia obovata</i> (Walt.) Beadle & F.E. Boynt. var. <i>obovata</i> All Virginia <i>M. obovata</i> is var. <i>obovata</i>	Obovate marshallia	G4G5T?	S2		
<i>Marshallia</i> sp. 1	A piedmont Marshallia	GNR	S1		
<i>Matelea decipiens</i> (Alexander) Woods.	Old-field milkvine	G5	S1		
<i>Matteuccia struthiopteris</i> (L.) Todaro var. <i>pensylvanica</i> (Willd.) C.V. Morton All Virginia <i>M. struthiopteris</i> is var. <i>pensylvanica</i>	Ostrich fern	G5T5	S1		
<i>Melica nitens</i> (Scribn.) Nutt. ex Piper	Three-flower melic	G5	S1S2		
<i>Menyanthes trifoliata</i> L.	Buckbean	G5	S1		
<i>Micranthemum micranthemooides</i> (Nutt.) Wettst.	Nuttall's micranthemum	GH	SH		
<i>Micranthemum umbrosum</i> (J.F. Gmel.) Blake	Shade mudflower	G5	S1		
<i>Mimosa quadrivalvis</i> L. var. <i>angustata</i> (Torr. & Gray) Barneby syn: <i>Schranksia microphylla</i> (Dry.) J.F. MacBr., under <i>Mimosa microphylla</i> Dry. in Kartesz (1999). All Virginia <i>M. quadrivalvis</i> is var. <i>angustata</i>	Little-leaf sensitive-briar	G5T5	S2		
<i>Mimulus moschatus</i> Dougl. ex Lindl.	Muskflower	G4G5	S1		
<i>Minuartia caroliniana</i> (Walt.) Mattf. syn: <i>Arenaria caroliniana</i> Walt.	Pine-barren sandwort	G5	SH		
<i>Minuartia groenlandica</i> (Retz.) Ostenf. syn: <i>Arenaria groenlandica</i> (Retz.) Spreng.	Mountain sandwort	G5	S1		
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. & Gray syn: <i>Cynoctonum mitreola</i> (L.) Britt.	Lax hornpod	G5	S1		
<i>Mitreola sessilifolia</i> (J.F. Gmel) G. Don syn: <i>Cynoctonum sessilifolium</i> J.F. Gmel.	Sessile-leaved hornpod	G4G5	S1		
<i>Moehringia lateriflora</i> (L.) Fenzl syn: <i>Arenaria lateriflora</i> L. Under <i>Morella cerifera</i> L. in Kartesz (1999)	Grove sandwort	G5	S1		
<i>Muhlenbergia bushii</i> Pohl Includes <i>M. brachyphylla</i> Bush	Bush's muhly	G5	S1		
<i>Muhlenbergia cuspidata</i> (Torr. ex Hook.) Rydb.	Plains muhly	G4	S2		
<i>Muhlenbergia expansa</i> (Poir.) Trin. syn: <i>M. capillaris</i> (Lam.) Trin. var. <i>trichopodes</i> (Ell.) Vasey	Cut-over muhly	G5T5	SH		
<i>Muhlenbergia glabrifloris</i> Scribn. syn: <i>Muhlenbergia glabriflora</i> Scribn.	Smooth muhly	G4?	SH		

Rare Vascular Plant List

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<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Marsh muhly	G5	S2		
<i>Myrica cerifera</i> L. var. <i>pumila</i> Michaux	Dwarf southern bayberry	G5T?	S1		
<i>Myriophyllum humile</i> (Raf.) Morong	Low water-milfoil	G5	S1		
<i>Myriophyllum laxum</i> Shuttlw. ex Chapm.	Loose water-milfoil	G3	S1		
<i>Myriophyllum tenellum</i> Bigelow	Slender water-milfoil	G5	S1		
<i>Napaea dioica</i> L.	Glade mallow	G3	S1?		
<i>Neobeckia aquatica</i> (Eat.) Greene syn: <i>Armoracia lacustris</i> (Gray) Al-Shehbaz & Bates syn: <i>A. aquatica</i> (Eat.) Wieg.	Lake-cress	G4?	SH		
<i>Nestronia umbellula</i> Raf.	Nestronia	G4	S1		LE
<i>Nuphar sagittifolia</i> (Walt.) Pursh syn: <i>Nuphar lutea</i> (L.) Sm. ssp. <i>sagittifolia</i> (Walt.) E.O. Beal	Narrow-leaved spatterdock	G5T2	S1		LT
<i>Nymphoides aquatica</i> (J.F. Gmel.) Kuntze	Big floating-heart	G5	S1		
<i>Oldenlandia boscii</i> (DC.) Chapman syn: <i>Hedyotis boscii</i> DC.	Bosc's bluets	G5	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>glabratum</i> (E.L. Southeastern stiff goldenrod Braun) Nesom syn: <i>Solidago rigida</i> L. var. <i>glabrata</i> E.L. Braun		G5T4	S1		
<i>Oligoneuron rigidum</i> (L.) Small var. <i>rigidum</i> syn: <i>Solidago rigida</i> L.	Stiff goldenrod	G5T5	S2		
<i>Onosmodium virginianum</i> (L.) DC.	Virginia false-gromwell	G4	S2		
<i>Ophioglossum petiolatum</i> Hook.	Longstem adder's-tongue	G5	S1		
<i>Ophioglossum pusillum</i> Raf. syn: <i>O. vulgatum</i> L. var. <i>pseudopodium</i> (Blake) Farw.	Northern adder's-tongue	G5	S1		
<i>Orbexilum onobrychis</i> (Nutt.) Rydb. syn: <i>Psoralea onobrychis</i> Nutt.	Lanceleaf scurfpea	G5	S1		
<i>Orthilia secunda</i> (L.) House syn: <i>Pyrola secunda</i> L.	One-sided pyrola	G5	SH		
<i>Oryzopsis asperifolia</i> Michx.	White-grained mountain ricegrass	G5	S1		
<i>Osmanthus americanus</i> (L.) Benth. & Hook f. ex Gray var. <i>americanus</i>	Wild olive	G5T5	S1		
<i>Osmunda cinnamomea</i> L. var. <i>glandulosa</i> Waters	Glandular cinnamon fern	G5T?	S1		
<i>Oxypolis ternata</i> (Nutt.) Heller Given as <i>O. filiformis</i> (Walt.) Britt. in Harvill et al. (1992)	A cowbane	G3	SH		
<i>Packera millefolium</i> (Torr. & Gray) Weber & Löve	Yarrow-leaved ragwort	G2	S2		
	syn: <i>Senecio millefolium</i> Torr. & Gray				

Rare Vascular Plant List

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<i>Panicum hemitomon</i> J.A. Schultes	Maidencane	G5?	S2		
<i>Parnassia grandifolia</i> DC.	Large-leaved grass-of-parnassus	G3	S2		
<i>Paronychia virginica</i> Spreng.	Yellow nailwort	G4	S1		
<i>Paspalum bifidum</i> (Bertol.) Nash	Pitchfork paspalum	G5	SH		
<i>Paspalum dissectum</i> (L.) L.	Water paspalum	G4?	S2		
<i>Paspalum distichum</i> L.	Joint paspalum	G5	S1		
<i>Paspalum praecox</i> Walt.	Early paspalum	G4	S1		
<i>Paxistima canbyi</i> Gray	Canby's mountain-lover	G2	S2		
syn: <i>Pachistima canbyi</i>					
<i>Pediomelum canescens</i> (Michx.) Rydb.	Hoary surfpea	G3G4	S1		
syn: <i>Psoralea canescens</i> Michx.					
<i>Penstemon australis</i> Small	Southern beardtongue	G5	S2		
<i>Penstemon calycosus</i> Small	Long-sepal beardtongue	G5	S1		
<i>Phacelia ranunculacea</i> (Nutt.) Constance	Ocean-blue scorpion-weed	G4	S1		
Treated as <i>Phacelia covillei</i> in Weakley (in prep.)					
<i>Phacelia fimbriata</i> Michx.	Fringed scorpion-weed	G4	S2		
<i>Phalaris caroliniana</i> Walt.	May grass	G5?	SH		
<i>Phanopyrum gymnocarpon</i> (Ell.) Nash	Clustered panic grass	G5	S1		
syn: <i>Panicum gymnocarpum</i> Ell.					
<i>Phlox amplifolia</i> Britt.	Large-leaved phlox	G3G5	S2		
<i>Phlox buckleyi</i> Wherry	Sword-leaved phlox	G2	S2		
<i>Phlox pilosa</i> L. var. <i>pilosa</i>	Downy phlox	G5T5	S2		
All Virginia <i>P. pilosa</i> is var. <i>pilosa</i>					
<i>Phyla nodiflora</i> (L.) Greene	Common frog-fruit	G5	S1		
syn: <i>Lippia nodiflora</i> (L.) Michx.					
<i>Physalis walteri</i> Nutt.	Dune ground-cherry	G4	S2		
syn: <i>P. maritima</i> M.A. Curtiss,					
syn: <i>P. viscosa</i> L. ssp. <i>maritima</i> (M.A. Curtiss) Waterfall					
<i>Pinus palustris</i> P. Mill.	Long-leaf pine	G5?	S1		
syn: <i>P. australis</i> Michx. f.					
<i>Pityopsis graminifolia</i> (Michx.) Nutt. var. <i>tenuifolia</i> Torr.) Semple & Bowers	Grass-leaved goldenaster	G5T5?	S1		
<i>Plantago cordata</i> Lam.	Heart-leaved plantain	G4	SH		
<i>Plantago maritima</i> L. var. <i>juncoides</i> (Lam.) Gray	Seaside plantain	G5T5	S1		
All Virginia <i>P. maritima</i> is var. <i>juncoides</i>					
<i>Platanthera blephariglottis</i> (Willd.) Lindl. var. <i>conspicua</i> (Nash) Luer	Large white fringed orchid	G4G5T3T4S1			
syn: <i>Habenaria blephariglottis</i> (Willd.) Hook.					
var. <i>conspicua</i> (Nash) Ames, All Virginia <i>P. blephariglottis</i> is var. <i>conspicua</i>					

Rare Vascular Plant List

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<i>Platanthera grandiflora</i> (Bigelow) Lindl.	Large purple fringed orchid	G5	S1		
syn: <i>Habenaria fimbriata</i> (Ait.) R. Br. ex Ait. f.					
syn: <i>Habenaria psycodes</i> (L.) Spreng. var. <i>grandiflora</i> (Bigelow) Gray					
<i>Platanthera leucophaea</i> (Nutt.) Lindl.	Prairie fringed orchid	G2	S1	LT	LT
syn: <i>Habenaria leucophaea</i> (Nutt.) Gray					
<i>Platanthera peramoena</i> (Gray) Gray	Purple fringeless orchid	G5	S2		
syn: <i>Habenaria peramoena</i> Gray					
<i>Poa paludigena</i> Fern. & Wieg.	Bog bluegrass	G3	S2		
<i>Poa palustris</i> L.	Fowl bluegrass	G5	S1S2		
<i>Poa saltuensis</i> Fern. & Wieg.	Drooping bluegrass	G5	S2		
Includes <i>P. languida</i> A.S. Hitchc.					
<i>Polanisia dodecandra</i> (L.) DC. ssp. <i>dodecandra</i>	Common clammy-weed	G5T?	S2		
All Virginia <i>P. dodecandra</i> is ssp. <i>dodecandra</i>					
<i>Polygala brevifolia</i> Nutt.	Little-leaf milkwort	G4G5	SH		
<i>Polygala ramosa</i> Ell.	Low pinebarren milkwort	G5	SH		
<i>Polygonella polygama</i> (Vent.) Engelm. & Gray	October-flower	G4	S1		
<i>Polygonum glaucum</i> Nutt.	Sea-beach knotweed	G3	S1S2		
<i>Populus tremuloides</i> Michx.	Quaking aspen	G5	S2		
<i>Porteranthus stipulatus</i> (Muhl. ex Willd.) Britt.	American ipecac	G5	S1		
syn: <i>Gillenia stipulata</i> (Muhl. ex Willd.) Nutt.					
<i>Portulaca smallii</i> P. Wilson	Small's purslane	G3	S1		
<i>Potamogeton amplifolius</i> Tuckerman	Large-leaf pondweed	G5	S1S2		
<i>Potamogeton hillii</i> Morong	Hill's pondweed	G3	S1		
<i>Potamogeton oakesianus</i> J.W. Robbins	Oakes pondweed	G4	S2		
<i>Potamogeton robbinsii</i> Oakes	Flatleaf pondweed	G5	SH		
<i>Potamogeton spirillus</i> Tuckerman	Spiral pondweed	G5	S1		
<i>Potamogeton strictifolius</i> Benn.	Straight-leaf pondweed	G5	S1		
<i>Potamogeton tennesseensis</i> Fern.	Tennessee pondweed	G2	S1		
<i>Potamogeton zosteriformis</i> Fern.	Flatstem pondweed	G5	S1		
<i>Potentilla arguta</i> Pursh	Tall cinquefoil	G5	S1		
<i>Prenanthes autumnalis</i> Walt.	Slender rattlesnake-root	G4G5	S2		
<i>Prunus maritima</i> Marshall	Beach plum	G4	S1		
<i>Prunus nigra</i> Ait.	Canada plum	G4G5	S1		
<i>Prunus pumila</i> L. var. <i>susquehanae</i> (Hort. Ex Willd.) Jaeger	Susquehanna cherry	G5T4	S1		
syn: <i>Prunus susquehanae</i> hort. ex Willd.					
<i>Pseudognaphalium helleri</i> (Britt.) A. Anderb.	Catfoot	G4G5	S1		
Includes var. <i>helleri</i> and var. <i>micradenium</i> (Weatherby) Mahler					

Rare Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Pseudognaphalium macounii</i> (Greene) Kartesz syn: <i>G. viscosum</i> Kunth	Winged cudweed	G5	S1		
<i>Pseudolycopodiella caroliniana</i> (L.) Holub syn: <i>Lydopodium carolinianum</i> L. syn: <i>Lycopodiella caroliniana</i> (L.) Pichi Sermolli	Slender clubmoss	G5	SH		
<i>Ptilimnium nodosum</i> (Rose) Mathias Virginia plants may be designated as <i>Ptilimnium fluviatile</i> (Rose) Mathias, if recognized as distinct from <i>P. nodosum</i> .	Harperella	G2	S1	LE	LE
<i>Puccinellia fasciculata</i> (Torr.) Bickn.	Salt marsh goosegrass	G3G5	S1		
<i>Pycnanthemum clinopodioides</i> Torr. & Gray	Basil mountain-mint	G2	S1		
<i>Pycnanthemum monotrichum</i> Fern.	A mountain-mint	GHQ	SH		
<i>Pycnanthemum montanum</i> Michx.	Appalachian mountain-mint	G3G5	S2		
<i>Pycnanthemum setosum</i> Nutt.	Awned mountain-mint	G3?	S1		
<i>Pycnanthemum torrei</i> Benth.	Torrey's mountain mint	G2	S2?		
<i>Pyrola chlorantha</i> Sw. syn: <i>P. virens</i> Schreb.	Greenish-flowered pyrola	G5	SH		
<i>Pyrola elliptica</i> Nutt.	Shinleaf	G5	S2		
<i>Pyxidanthera barbulata</i> Michx. var. <i>barbulata</i> All Virginia <i>P. barbatula</i> is var. <i>barbatula</i>	Flowering pixie-moss	G4T4	S1		
<i>Quercus hemisphaerica</i> Bartr. ex Willd. Under <i>Q. laurifolia</i> Michx. in Radford et al. (1968)	Darlington's oak	G5	S1		
<i>Quercus incana</i> Bartr.	Bluejack oak	G5	S2		
<i>Quercus macrocarpa</i> Michx.	Bur oak	G5	S1		
<i>Quercus prinoides</i> Willd.	Dwarf chinkapin oak	G5	S1		
<i>Ranunculus ambigens</i> S. Wats.	Water-plantain crowfoot	G4	S1		
<i>Ranunculus aquatalis</i> L. var. <i>diffusus</i> Withering Given as <i>R. aquatilis</i> L. in Harvill et al. (1992).	White water crowfoot	G5	S1		
<i>Ranunculus hederaceus</i> L.	Ivy-leaved water crowfoot	G5	SH		
<i>Ranunculus laxicaulis</i> (Torr. & Gray) Darby	Mississippi buttercup	G5?	S1		
<i>Rhamnus alnifolia</i> L'Her.	Alderleaf buckthorn	G5	S1		
<i>Rhamnus lanceolata</i> Pursh var. <i>glabrata</i> Gleason Most Virginia <i>R. lanceolata</i> is var. <i>lanceolata</i> (see watchlist)	Smooth lance-leaved buckthorn	G4G5TU	S1		
<i>Rhexia petiolata</i> Walt.	Ciliate meadow-beauty	G5?	S1		
<i>Rhododendron arborescens</i> (Pursh) Torr.	Smooth azalea	G4G5	S2		
<i>Rhus michauxii</i> Sarg.	Michaux's sumac	G2	S1	LE	LT
<i>Rhynchospora alba</i> (L.) Vahl	White beakrush	G5	S2		

Rare Vascular Plant List

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<i>Rhynchospora capillacea</i> Torr.	Horned beakrush	G4	S1		
<i>Rhynchospora cephalantha</i> Gray var. <i>attenuata</i> Gale	Small capitate beakrush	G5T3?	S2		
<i>Rhynchospora colorata</i> (L.) H. Pfieffer syn: <i>Dichromena colorata</i> (L.) Hitchc.	White-topped sedge	G5	S1		
<i>Rhynchospora debilis</i> Gale	Savannah beakrush	G4?	S1		
<i>Rhynchospora fascicularis</i> (Michx.) Vahl	Fasciculate beakrush	G5	S2		
<i>Rhynchospora filifolia</i> Gray	Thread-leaved beakrush	G5	SH		
<i>Rhynchospora grayi</i> Kunth	Gray's beakrush	G4	SH		
<i>Rhynchospora harveyi</i> W. Boott	Harvey's beakrush	G4	SH		
<i>Rhynchospora macrostachya</i> Torr. ex Gray var. <i>macrostachya</i>	Tall hornedrush	G4T4	S2		
Does not include <i>R. macrostachya</i> var. <i>colpophila</i> Fern. & Gale					
<i>Rhynchospora miliacea</i> (Lam.) Gray	Millet beakrush	G5	SH		
<i>Rhynchospora nitens</i> (Vahl) Gray syn: <i>Psilocarya nitens</i> (Vahl) Wood	Short-beaked baldrush	G4	S1		
<i>Rhynchospora oligantha</i> Gray	Few-flowered beakrush	G4	S1		
<i>Rhynchospora pallida</i> M.A. Curtis	Pale beakrush	G3	SH		
<i>Rhynchospora scirpoides</i> (Torr.) Gray syn: <i>Psilocarya scirpoides</i> Torr.	Long-beaked baldrush	G4	S1		
<i>Rhynchospora stenophylla</i> Chapman	Coastal bog beaksedge	G4	S1		
<i>Rhynchospora wrightiana</i> Boeckl.	Wright's beakrush	G5	S1		
<i>Ribes americanum</i> P. Mill.	Wild black currant	G5	S1		
<i>Ribes lacustre</i> (Pers.) Poir.	Bristly black currant	G5	S1?		
<i>Rorippa sessiliflora</i> (Nutt.) A.S. Hitchc.	Stalkless yellow-cress	G5	S1		
<i>Rosa setigera</i> Michx.	Prairie rose	G5	S1		
<i>Rubus idaeus</i> L. ssp. <i>strigosus</i> (Michx.) Focke	Red raspberry	G5T5	S2		
<i>Rudbeckia heliopsis</i> Torr. & Gray	Sun-facing coneflower	G2	S1		
<i>Rudbeckia triloba</i> L. var. <i>pinnatiloba</i> Torr. & Gray	Pinnate-lobed coneflower	G4T2?	S1		
<i>Sabatia campanulata</i> (L.) Torr.	Slender marsh rose-pink	G5	S2		
<i>Sabatia difformis</i> (L.) Druce	Two-formed rose-pink	G4G5	S1		
<i>Saccharum coarctatum</i> (Fern.) R. Webster syn: <i>Erianthus coarctatus</i> Fern. syn: <i>Erianthus coarctatus</i> var. <i>elliottianus</i> Fern.	Bunched plumegrass	G5?	S1?		
<i>Sagittaria calycina</i> Engelm. var. <i>calycina</i> syn: <i>Lophotocarpus calycinus</i> (Engelm.) J.G. Sm.	Long-lobe arrowhead	G5T5?	S1		

Rare Vascular Plant List

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<i>Sagittaria calycina</i> Engelm. var. <i>spongiosa</i> Engelm. syn: <i>Lophotocarpus spongiosus</i> (Engelm.) J.G. Sm., Given as <i>S. spathulata</i> in Harvill et al. (1992)	An arrowhead	G5T4	S1		
<i>Sagittaria engelmanniana</i> J.G. Sm.	Engelmann arrowhead	G5?	SH		
<i>Sagittaria rigida</i> Pursh	Sessile-fruited arrowhead	G5	S1		
<i>Salix discolor</i> Muhl.	Pussy willow	G5	S1		
<i>Salix exigua</i> Nutt. syn: <i>S. interior</i> Rowlee	Sandbar willow	G5	S1		
<i>Sanguisorba canadensis</i> L.	Canada burnet	G5	S2		
<i>Sarracenia flava</i> L.	Yellow pitcher-plant	G5?	S1		
<i>Sarracenia purpurea</i> L. var. <i>purpurea</i>	Northern purple pitcher-plant	G5T5	S2?		
<i>Sarracenia purpurea</i> L. var. <i>venosa</i> (Raf.) Fern. Under <i>S. careyana</i> Gray in Harvill et al. (1992)	Southern purple pitcher-plant	G5T3T5	S2		
<i>Saxifraga careyana</i> Gray	Carey saxifrage	G3	S2?		
<i>Saxifraga caroliniana</i> Gray	Carolina saxifrage	G2	S2?		
<i>Schizachne purpurascens</i> (Torr.) Swallen	Purple oat-grass	G5	S1		
<i>Schoenoplectus acutus</i> (Muhl. ex Bigelow) Love & Love var. <i>acutus</i> syn: <i>Scirpus acutus</i> Muhl. ex Bigelow	Hard-stemmed bulrush	G5T5	S1		
<i>Schoenoplectus etuberculatus</i> (Steud.) Sojak syn: <i>Scirpus etuberculatus</i> (Steud.) Kuntze	Canby's bulrush	G3G4	SH		
<i>Schoenoplectus fluviatilis</i> (Torr.) M.T. Strong syn: <i>Bolboschoenus fluviatilis</i> (Torr.) J. Sojak syn: <i>Scirpus fluviatilis</i> (Torr.) Gray	River bulrush	G5	S2		
<i>Schoenoplectus smithii</i> (Gray) Sojak syn: <i>Scirpus smithii</i> Gray	Smith's bulrush	G5?	SH		
<i>Schoenoplectus subterminalis</i> (Torr.) Sojak syn: <i>Scirpus subterminalis</i> Torr.	Water bulrush	G4G5	S1S2		
<i>Schoenoplectus torreyi</i> (Olney) Palla syn: <i>Scirpus torreyi</i> Olney	Torrey's bulrush	G5?	S1		
<i>Schwalbea americana</i> L.	Chaffseed	G2	SH	LE	
<i>Scirpus ancistrochaetus</i> Schuyler	Northeastern bulrush	G3	S2	LE	LE
<i>Scirpus flaccidifolius</i> (Fern.) Schuyler syn: <i>S. atrovirens</i> Willd. var. <i>flaccidifolius</i> Fern.	Reclining bulrush	G2	S1		LT
<i>Scleria ciliata</i> Michx. var. <i>ciliata</i>	Fringed nutrush	G5TNR	S1		
<i>Scleria minor</i> W. Stone	Slender nutrush	G4	S2		
<i>Scleria pauciflora</i> Muhl. ex Willd. var. <i>caroliniana</i> (Willd.) Wood	Carolina nutrush	G5T4T5	S1		
<i>Scleria verticillata</i> Muhl. ex Willd.	Whorled nutrush	G5	S2		
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	One-flower sclerolepis	G4	S1		

Rare Vascular Plant List

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<i>Scutellaria arguta</i> Buckl.	Sharp-leaved skullcap	G2?Q	SH		
<i>Scutellaria galericulata</i> L. syn: <i>S. epilobiifolia</i> A. Hamilton	Hooded skullcap	G5	S1		
<i>Scutellaria incana</i> Biehler	Hoary skullcap	G5	S2		
<i>Scutellaria parvula</i> Michx. var. <i>parvula</i> Does not include <i>S. parvula</i> Michx. var. <i>leonardii</i> (Epling) Fern.	Small skullcap	G4T?	S1		
<i>Seymeria cassioides</i> (J.F. Gmel.) Blake	Seymeria	G5	S1S2		
<i>Sibbaldiopsis tridentata</i> (Ait.) Rydb. syn: <i>Potentilla tridentata</i> Ait.	Three-toothed cinquefoil	G5	S2		
<i>Sida elliottii</i> Torr. & Gray Virginia material is referable to <i>Sida inflexa</i> Fern., but treated here as an anomalous form of <i>S. elliottii</i> . Varietal status may be warranted for Virginia plants.	Elliott sida	G4G5	S1		
<i>Sida hermaphrodita</i> (L.) Rusby	Virginia mallow	G2G3	S1		
<i>Silene nivea</i> (Nutt.) Muhl. ex Otth	Snowy campion	G4?	S1		
<i>Silene ovata</i> Pursh	Ovate catchfly	G2G3	S1		
<i>Silene rotundifolia</i> Nutt.	Roundleaf catchfly	G4	S2		
<i>Silphium terebinthinaceum</i> Jacq.	Prairie rosinweed	G4G5	S1		
<i>Sisyrinchium albidum</i> Raf.	White blue-eyed-grass	G5?	S2		
<i>Smilax ecirrata</i> (Engelm. ex Kunth) S. Wats. also spelled <i>ecirrhata</i>	Upright greenbrier	G5?	S1		
<i>Smilax smallii</i> Morong	Small's greenbrier	G5?	SH		
<i>Solidago gracillima</i> Torr. & Gray Includes <i>S. perlonga</i> Fern.	Southern bog goldenrod	G4?	S2		
<i>Solidago latissimifolia</i> P. Mill. syn: <i>S. elliottii</i> Torr. & Gray	Elliott goldenrod	G5	S2		
<i>Solidago patula</i> Muhl. ex Willd. var. <i>strictula</i> Torr. & Gray syn: <i>S. salicina</i> Ell.	Rough-leaved goldenrod	G5T5	S1		
<i>Solidago racemosa</i> Greene syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>racemosa</i> (Greene) Ringius, syn: <i>S. simplex</i> Kunth var. <i>racemosa</i> (Greene) Ringius	Sticky goldenrod	G5T3?	S1		
<i>Solidago randii</i> (Porter) Britt. syn: <i>S. simplex</i> Kunth ssp. <i>randii</i> (Porter) Ringius var. <i>randii</i> syn: <i>S. simplex</i> Kunth var. <i>randii</i> (Porter) Ringius	Rand's goldenrod	G5T4	S2S3		
<i>Solidago rupestris</i> Raf. Under <i>S. altissima</i> L. in Radford et al. (1968)	Riverbank goldenrod	G4?	S1		
<i>Solidago tortifolia</i> Ell.	Leafy pinewoods goldenrod	G4G5	S1		

Rare Vascular Plant List

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<i>Solidago uliginosa</i> Nutt. var. <i>uliginosa</i> All Virginia <i>S. uliginosa</i> is var. <i>uliginosa</i>	Bog goldenrod	G4G5T?	S2		
<i>Sparganium androcladum</i> (Engelm.) Morong	Branching burreed	G4G5	SH		
<i>Sparganium chlorocarpum</i> Rydb.	Narrow-leaf burreed	G5	S1		
<i>Spartina pectinata</i> Link	Freshwater cordgrass	G5	S2		
<i>Spermacoce glabra</i> Michx.	Smooth buttonweed	G4G5	S1		
<i>Spermolepis divaricata</i> (Walt.) Raf. ex Ser.	Rough-fruit spermolepis	G5	S1?		
<i>Sphenopholis filiformis</i> (Chapman) Scribn.	Long-leaf wedge grass	G4?	S1		
<i>Spiraea virginiana</i> Britt.	Virginia spiraea	G2	S1	LT	LE
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	Shining ladies'-tresses	G5	S1		
<i>Spiranthes magnicamporum</i> Sheviak	Great Plains ladies'-tresses	G4	S1		
<i>Spiranthes ochroleuca</i> (Rydb.) Rydb.	Yellow nodding ladies'-tresses	G4	S1		
<i>Sporobolus compositus</i> (Poir.) Merr. var. <i>compositus</i>	Longleaf dropseed	G5T5	S1S2		
syn: <i>S. asper</i> (Beauv.) Kunth, All Virginia <i>S. compositus</i> is var. <i>compositus</i>					
<i>Sporobolus heterolepis</i> (Gray) Gray	Northern dropseed	G5	S1		
<i>Sporobolus junceus</i> (Beauv.) Kunth	Purple dropseed	G5	S1		
<i>Sporobolus neglectus</i> Nash	Small dropseed	G5	S2		
<i>Stachys aspera</i> Michx.	Rough hedgenettle	G5T4?	S2		
syn: <i>S. hyssopifolia</i> Michx. var. <i>ambigus</i> Gray					
<i>Stachys eplingii</i> J. Nelson	Epling's hedgenettle	G5	S1		
<i>Stachys pilosa</i> Nutt. var. <i>arenicola</i> (Britt.) Mulligan & Munroe	Marsh hedgenettle	G5T4?	S1		
Given as <i>S. palustris</i> L. in Harvill et al. (1992)					
<i>Stachys</i> sp. 1 sp. nov.	Yadkin hedgenettle	G?	S1		
New, unnamed southeastern <i>Stachys</i> species					
<i>Steinchisma hians</i> (Ell.) Nash	Gaping panic grass	G5	S1		
syn: <i>Panicum hians</i> Ell.					
<i>Stewartia ovata</i> (Cav.) Weatherby	Mountain camellia	G4	S2		
<i>Stillingia sylvatica</i> Garden ex L. ssp. <i>sylvatica</i>	Queen's delight	G5T5	S1		
<i>Stipulicida setacea</i> Michx. var. <i>setacea</i>	Pineland scaly-pink	G4G5T4T5S1			
<i>Streptopus amplexifolius</i> (L.) DC.	White mandarin	G5	S1		
<i>Stylophorum diphyllum</i> (Michx.) Nutt.	Celandine poppy	G5	S2		
<i>Sullivantia sullivantii</i> (Torr. & Gray) Britt.	Sullivantia	G4	S1		
<i>Symphoricarpos albus</i> (L.) Blake var. <i>albus</i>	Snowberry	G5T5	S2		
All native Virginia <i>S. albus</i> is var. <i>albus</i> , non-native material is <i>S. albus</i> var. <i>laevigatus</i> (Fern.) Blake					
<i>Symphyotrichum elliottii</i> (Torr. & Gray) Nesom	Elliott's aster	G3G4	S1		
syn: <i>Aster puniceus</i> L. var. <i>elliottii</i> (Torr. & Gray) A.G. Jones					
syn: <i>A. elliottii</i> Torr. & Gray					

Rare Vascular Plant List

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<i>Symphyotrichum praealtum</i> (Poir.) Nesom var. <i>angustior</i> (Wiegand) Nesom syn: <i>Aster praealtus</i> Poir. var. <i>angustior</i> Wieg.	Willow aster	G5T4	S1		
<i>Symphyotrichum pratense</i> (Raf.) Nesom syn: <i>Aster pratensis</i> Raf. syn: <i>A. sericeus</i> Vent. var. <i>microphyllus</i> DC.	Silky aster	G?	S1		
<i>Symphyotrichum shortii</i> (Lindl.) Nesom syn: <i>Aster shortii</i> Lindl.	Short's aster	G4G5	S1		
<i>Synandra hispidula</i> (Michx.) Baill.	Gyandotte beauty	G4	S2		
<i>Talinum mengesii</i> W. Wolf	Menge's fame-flower	G3	S1		
<i>Tetragonotheca helianthoides</i> L.	Pineland squarehead	G5	S1		
<i>Thalictrum macrostylum</i> Small & Heller	Small-leaved meadowrue	G3G4	S1		
<i>Thelypteris simulata</i> (Davenport) Nieuwl.	Bog fern	G4G5	S1S2		
<i>Tillandsia usneoides</i> (L.) L.	Spanish moss	G5	S2		
<i>Tofieldia glutinosa</i> (Michx.) Pers. syn: <i>T. racemosa</i> (Walt.) B.S.P. var. <i>glutinosa</i> (Michx.) Ahles	Sticky false-asphodel	G5	S1		
<i>Tofieldia racemosa</i> (Walt.) B.S.P.	Coastal false-asphodel	G5	S1		
<i>Toxicodendron rydbergii</i> (Small ex Rydb.) Greene	Western poison ivy	G5	S1		
<i>Triadenum fraseri</i> (Spach) Gleason Under <i>Hypericum virginicum</i> L. in Fernald (1950)	Fraser's marsh St. John's-wort	G4G5	S1		
<i>Triadenum tubulosum</i> (Walt.) Gleason syn: <i>Hypericum tubulosum</i> Walt.	Large marsh St. John's-wort	G4?	S1		
<i>Trichomanes boschianum</i> Sturm	Appalachian filmy fern	G4	S1		
<i>Trichostema setaceum</i> Houtt.	Narrow-leaved blue-curls	G5	S2		
<i>Tridens chapmanii</i> (Small) Chase syn: <i>T. flavus</i> (L.) A.S. Hitchc. var. <i>chapmanii</i> (Small) Shinners, syn: <i>Triodia chapmanii</i> (Small) Bush	Chapman's redtop	G?	SH		
<i>Trifolium calcaricum</i> Collins and Wieboldt	Running glade clover	G1	S1	LE	
<i>Trifolium reflexum</i> L.	Buffalo clover	G5	S1		
<i>Trillium cernuum</i> L.	Nodding trillium	G5	S2		
<i>Trillium flexipes</i> Raf.	Drooping trillium	G5	S1		
<i>Trillium nivale</i> Riddell	Snow trillium	G4	S1		
<i>Trillium pusillum</i> Michx. var. <i>virginianum</i> Fern. Includes var. <i>moniticulum</i> Bodkin & Reveal	Virginia least trillium	G3T2	S2		
<i>Triphora trianthophora</i> (Sw.) Rydb.	Nodding pogonia	G4	S1		
<i>Trisetum spicatum</i> (L.) Richter	Narrow false oats	G5	S1		
<i>Utricularia juncea</i> Vahl	Southern bladderwort	G5	S2		
<i>Utricularia olivacea</i> C. Wright ex Griseb.	Minute bladderwort	G4	SH		
<i>Utricularia purpurea</i> Walt.	Purple bladderwort	G5	S2		

Rare Vascular Plant List

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<i>Utricularia striata</i> Le Conte ex Torr. syn: <i>U. fibrosa</i> Walt.	Fibrous bladderwort	G4G5	S1		
<i>Vaccinium crassifolium</i> Andr.	Creeping blueberry	G4G5	S1		
<i>Vaccinium macrocarpon</i> Ait.	Large cranberry	G4	S2		
<i>Vaccinium myrtilloides</i> Michx.	Velvetleaf blueberry	G5	S1S2		
<i>Valeriana pauciflora</i> Michx.	Pink valerian	G4	S2		
<i>Verbena scabra</i> Vahl	Sandpaper vervain	G5	S2		
<i>Verbena riparia</i> Raf. ex Small & Heller	River-bank vervain	GUGHQ	SH		
<i>Veronica scutellata</i> L.	Marsh speedwell	G5	S1		
<i>Viburnum lentago</i> L.	Nannyberry	G5	S1		
<i>Vicia americana</i> Muhl. ex Willd. ssp. <i>americana</i>	American purple vetch	G5T5	S1S2		
All Virginia <i>V. americana</i> is ssp. <i>americana</i>					
<i>Viola walteri</i> House	Prostrate blue violet	G4G5	S2		
<i>Vitis rupestris</i> Scheele	Sand grape	G3	S1?		
<i>Wisteria frutescens</i> (L.) Poir.	American wisteria	G5	S2		
<i>Wolffia columbiana</i> Karst.	Columbia watermeal	G5	S1		
<i>Xyris caroliniana</i> Walt.	Carolina yellow-eyed-grass	G4G5	S1		
<i>Xyris difformis</i> Chapman var. <i>curtissii</i> (Malme) Kral	Curtiss' yellow-eyed-grass	G5T5	S1		
syn: <i>X. curtissii</i> Malme					
<i>Xyris fimbriata</i> Ell.	Fringed yellow-eyed-grass	G5	S1		
<i>Xyris laxifolia</i> Mart. var. <i>iridifolia</i> (Chapman) Kral	Irisleaf yellow-eyed-grass	G4G5T4T5	S1		
syn: <i>Xyris iridifolia</i> Chapman					
<i>Xyris platylepis</i> Chapman	Tall yellow-eyed-grass	G5	S2		
<i>Zenobia pulverulenta</i> (Bartr. ex Willd.) Pollard	Dusty zenobia	G4?	S1		
<i>Zigadenus densus</i> (Desr.) Fern.	Dense-flowered camas	G5	S1		
<i>Zigadenus glaberrimus</i> Michx.	Large-flowered camas	G5	S1		
<i>Zigadenus leimanthoides</i> Gray	Death camas	G4Q	S1		
<i>Zornia bracteata</i> J.F. Gmel.	Viperina	G5?	S1		

PART TWO:
VASCULAR PLANT WATCH LIST

Virginia Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Acalypha deamii</i> (Weatherby) Ahles	Deam's three-seeded mercury	G4?	S3		
<i>Aconitum reclinatum</i> Gray	White monkshood	G3G4	S3		
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Climbing fumitory	G4	S3		
<i>Agrostis scabra</i> Willd. var. <i>scabra</i>	Rough bentgrass	G5T5	S3?		
<i>Amelanchier sanguinea</i> (Pursh) DC. var. <i>sanguinea</i>	Roundleaf serviceberry	G5T5	S3		
All Virginia <i>A. sanguinea</i> is var. <i>sanguinea</i>					
<i>Ampelopsis arborea</i> (L.) Koehne	Peppervine	G5	S3		
<i>Amsonia tabernaemontana</i> Walt. ar. <i>tabernaemontana</i>	Eastern blue dogbane	G5	S3		
<i>Andropogon perangustatus</i> Nash	Narrow-leaved bluestem	G5T3T4	S3		
syn: <i>A. gyrans</i> Ashe var. <i>stenophyllus</i> (Hack.) C. Cambell					
<i>Anemone quinquefolia</i> L. var. <i>minima</i> (DC.) Frodin	Dwarf anemone	G3Q	S3		
<i>Aristida lanosa</i> Muhl. ex Ell.	Woolly three-awn grass	G5	S3		
<i>Aristida tuberculosa</i> Nutt.	Seabeach needlegrass	G5	S3		
<i>Asclepias incarnata</i> L. ssp. <i>incarnata</i>	Swamp milkweed	G5T5	S3		
<i>Asclepias lanceolata</i> Walt.	Smooth orange milkweed	G5	S3		
<i>Asimina parviflora</i> (Michx.) Dunal	Dwarf paw-paw	G5	S3		
<i>Axonopus furcatus</i> (Fluegge) A.S. Hitchc.	Big carpet grass	G5	S3		
<i>Bacopa monnieri</i> (L.) Pennell	Coastal water-hyssop	G5?	S3		
<i>Baptisia australis</i> (L.) R. Br. ex Ait. f. var. <i>australis</i>	Blue wild-indigo	G5TNR	S3		
<i>Bartonia paniculata</i> (Michx.) Muhl. ssp. <i>paniculata</i>	Twining bartonia	G5T5	S3		
<i>Blephilia hirsuta</i> (Pursh) Benth.	Hairy woodmint	G4?	S3		
<i>Boltonia asteroides</i> (L.) L'Her var. <i>asteroides</i>	Aster-like boltonia	G5T4T5	S3		
<i>Brachyelytrum septentrionale</i> (Babel) G. Tucker	Northern shorthusk	G4G5	S3		
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>ciliatifolia</i>	Capillary hairsedge	G5T3T5	S3?		
Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968)					
<i>Callitricha palustris</i> L.	Marsh water-starwort	G5	S3		
syn: <i>C. verna</i> L.					
<i>Cardamine douglassii</i> Britt.	Purple cress	G5	S3		
<i>Cardamine longii</i> Fern.	Long's bittercress	G3	S3		
<i>Carex bushii</i> Mackenzie	Bush's sedge	G4	S3		
<i>Carex canescens</i> L. ssp. <i>disjuncta</i> (Fern.) Toivonen	Silvery sedge	G5T4?	S3		
<i>Carex careyana</i> Torr. ex Dewey	Carey's sedge	G4G5	S3		
<i>Carex collinsii</i> Nutt.	Collins' sedge	G4	S3		
<i>Carex conjuncta</i> Boott	Soft fox sedge	G4G5	S3		
<i>Carex floridana</i> Schwein.	A sedge	G5?	S3		
syn: <i>Carex nigromarginata</i> Schwein. var. <i>floridana</i> (Schwein.) Kukenth.					
<i>Carex leptonervia</i> (Fern.) Fern.	Finely-nerved sedge	G4	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Carex lucorum</i> Willd. ex Link var. <i>austrolucorum</i> J. Rettig syn: <i>C. pensylvanica</i> Lam. var. <i>distans</i> Peck	Appalachian woodland sedge	G4T3?	S3		
<i>Carex meadii</i> Dewey	Mead's sedge	G4G5	S3		
<i>Carex pedunculata</i> Muhl. ex Willd.	Longstalk sedge	G5	S3		
<i>Carex pellita</i> Muhl. ex Willd.	Wooly sedge	G5	S3		
<i>Carex purpurifera</i> Mackenzie	Purple sedge	G4?	S3		
<i>Carex ruthii</i> Mackenzie Under <i>C. muricata</i> L. in Harvill <i>et al.</i> (1992) and Radford <i>et al.</i> (1968)	Ruth's sedge	G3	S3		
<i>Carex shortiana</i> Dewey	Short's sedge	G5	S3		
<i>Carex striata</i> Michx. var. <i>brevis</i> Bailey syn: <i>C. walteriana</i> Bailey var. <i>brevis</i> (Bailey) Bailey All Virginia <i>C. striata</i> is var. <i>brevis</i>	A sedge	G4T4?	S3		
<i>Carex suberecta</i> (Olney) Britt.	Prairie straw sedge	G4	S3		
<i>Carex superata</i> Naczi, Reznicek, & B.A. Ford	Limestone-forest sedge	G3?	S3		
<i>Carex tetanica</i> Schkuhr	Rigid sedge	G4G5	S3		
<i>Carex trisperma</i> Dewey var. <i>trisperma</i>	Three-seed sedge	G5T5	S3		
<i>Carex venusta</i> Dewey var. <i>minor</i> Boeckl.	Dark green sedge	G4T4	S3?		
<i>Carex venusta</i> Dewey var. <i>venusta</i>	Dark green sedge	G4T4?	S3?		
<i>Castilleja coccinea</i> (L.) Spreng.	Eastern Indian-paintbrush	G5	S3		
<i>Cenchrus spinifex</i> Cav. syn: <i>C. incertus</i> M.A. Curtis	Coastal sandbur	GNR	S3		
<i>Chamaecrista fasciculata</i> (Michx.) Greene var. <i>macrosperma</i> (Fern.) C.F. Reed syn: <i>Cassia fasciculata</i> Michx. var. <i>macrosperma</i> Fern.	Marsh senna	G5T3	S3		
<i>Chamaecyparis thyoides</i> (L.) B.S.P. Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)	Atlantic white-cedar	G4	S3		
<i>Chenopodium simplex</i> (Torr.) Raf. Under <i>C. hybridum</i> L. in Fernald (1950), syn: <i>C. gigantospermum</i> Aellen	Giant-seed goosefoot	G5	S3		
<i>Cinna latifolia</i> (Trev. ex Goepp.) Griseb.	Slender wood reedgrass	G5	S3		
<i>Clematis coactilis</i> (Fern.) Keener	Virginia white-haired leatherflower	G3	S3		
<i>Clematis crispa</i> L.	Southern leatherflower	G5	S3		
<i>Corallorrhiza wisteriana</i> Conrad	Spring coralroot	G5	S3		
<i>Crataegus marshallii</i> Egglest.	Parsley-leaved hawthorn	G5	S3		
<i>Crataegus pruinosa</i> (Wendl. f.) K. Koch Under <i>C. flabellata</i> (Spach.) Kirchn. in Radford <i>et al.</i> (1968)	A hawthorn	G5	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Croptilon divaricatum</i> (Nutt.) Raf. syn: <i>Haplopappus divaricatus</i> (Nutt.) Gray	Scratch-daisy	G4G5	S3		
<i>Croton monanthogynus</i> Michx.	Prairie-tea	G5	S3		
<i>Cymophyllum fraserianus</i> (Ker-Gawl.) Kartesz & Ghandi syn: <i>C. fraseri</i> (Andr.) Mackenzie ex Britt.	Fraser's sedge	G4	S3		
<i>Cyperus haspan</i> L.	Sheathed flatsedge	G5	S3		
<i>Cyperus refractus</i> Engelm. ex Boeckl.	Reflexed flatsedge	G5	S3		
<i>Delphinium exaltatum</i> Ait.	Tall larkspur	G3	S3		
<i>Descurainia pinnata</i> (Walt.) Britt. var. <i>pinnata</i>	Pinnate tansy-mustard	G5	S3?		
<i>Desmodium fernaldii</i> Schub.	Fernald's tick-trefoil	G4	S3		
<i>Desmodium lineatum</i> DC.	A tick-trefoil	G5	S3		
<i>Diarrhena americana</i> Beauv. Does not include <i>D. obovata</i> (Gleason) Brandenburg	American beakgrain	G4?	S3		
<i>Dichanthelium mattamuskeetense</i> (Ashe) Mohlenbr. syn: <i>Panicum dichotomum</i> L. var. <i>clutei</i> (Nash) C.F. Reed syn: <i>Panicum mattamuskeetense</i> Ashe, Under <i>D. dichotomum</i> (L.) Gould in Harvill et al. (1992), Under <i>D. dichotomum</i> (L.) Gould var. <i>dichotomum</i> in Kartesz (1999). syn: <i>Panicum leucothrix</i> Nash	Mattamuskeet panic grass	GNR	S3		
<i>Dichanthelium oligosanthes</i> (J.A. Schultes) Gould var. <i>oligosanthes</i> syn: <i>Panicum oligosanthes</i> J.A. Schultes	Few-flowered panic grass	G5T5?	S3		
<i>Dichanthelium ravenelii</i> (Scribn. & Merr.) Gould syn: <i>Panicum ravenelii</i> Scribn. & Merr.	Ravenel's panic grass	G5	S3		
<i>Dichanthelium scabriusculum</i> (Ell.) Gould & C.A. Clark syn: <i>Panicum scabriusculum</i> Ell. syn: <i>Panicum aculeatum</i> A.S. Hitchc. & Chase, Includes <i>Panicum cryptanthum</i> Ashe	Tall swamp panic grass	G4	S3		
<i>Dichanthelium fusiforme</i> (Hitchcock) Harvill syn: <i>Panicum fusiforme</i> A.S. Hitchc., Under <i>D. aciculare</i> (Desv. ex Poir.) Gould & C.A. Clark in Kartesz (1999)	Spindle-fruited panic grass	GNR	S3		
<i>Dichanthelium species</i> (syn: <i>lancearium</i>) syn: <i>Panicum lancearium</i> Trin., Includes <i>Panicum lancearium</i> Trin. var. <i>patulum</i> (Scribn. & Merr.) Fern., Under <i>D. sabulorum</i> (Lam.) Gould & C.A. Clark var. <i>patulum</i> (Scribn. & Merr.) Gould & C.A. Clark in Kartesz (1999)	A panic grass	G?	S3		
<i>Dichanthelium wrightianum</i> (Scribn.) Freckmann syn: <i>Panicum wrightianum</i> Scribn.	Wright's panic grass	G4	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Dicliptera brachiata</i> (Pursh) Spreng.	Wild mudwort	G5	S3		
<i>Diphylleia cymosa</i> Michx.	Umbrella-leaf	G4	S3		
<i>Drosera brevifolia</i> Pursh	Dwarf sundew	G5	S3		
syn: <i>D. leucantha</i> Shinners					
<i>Drosera capillaris</i> Poir.	Pink sundew	G5	S3		
<i>Drosera intermedia</i> Hayne	Spoon-leaved sundew	G5	S3		
<i>Dryopteris campyloptera</i> Clarkson	Mountain wood-fern	G5	S3		
syn: <i>D. spinulosa</i> (O.F. Muell.) Watt var. <i>americana</i> (Fisch.) Fern.					
<i>Echinodorus cordifolius</i> (L.) Griseb.	Upright burhead	G5	S3		
<i>Eleocharis albida</i> Torr.	White spikerush	G4G5	S3		
<i>Eleocharis palustris</i> (L.) Roemer & J.A. Schultes	Creeping spikerush	G5?	S3?		
<i>Eleocharis rostellata</i> (Torr.) Torr.	Beaked spikerush	G5	S3		
<i>Erigenia bulbosa</i> (Michx.) Nutt.	Harbinger-of-spring	G5	S3		
<i>Eriophorum virginicum</i> L.	Tawny cotton-grass	G5	S3		
<i>Eurybia spectabilis</i> (Ait.) Nesom	Showy aster	G5	S3		
syn: <i>Aster spectabilis</i> Ait. var. <i>spectabilis</i> and var. <i>suffultus</i> Fern.					
Under <i>A. spectabilis</i> Ait. in Radford <i>et al.</i> (1968)					
<i>Fimbristylis caroliniana</i> (Lam.) Fern.	Carolina fimbry	G4	S3		
Under <i>F. spadicea</i> (L.) Vahl. in Radford <i>et al.</i> (1968)					
<i>Floerkea proserpinacoides</i> Willd.	False mermaid-weed	G5	S3		
<i>Fraxinus nigra</i> Marsh.	Black ash	G5	S3		
<i>Fraxinus quadrangulata</i> Michx.	Blue ash	G5	S3		
<i>Galium boreale</i> L.	Northern bedstraw	G5	S3		
<i>Galium hispidulum</i> Michx.	Coast bedstraw	G5	S3		
<i>Gentiana austromontana</i> Pringle & Sharp	Appalachian gentian	G3	S3?		
<i>Glyceria acutiflora</i> Torr.	Sharp-scaled mannagrass	G5	S3		
<i>Glyceria canadensis</i> (Michx.) Trin.	Canada mannagrass	G5	S3		
<i>Gymnocarpium appalachianum</i> Pryer	Appalachian oak fern	G3	S3		
Under <i>G. dryopteris</i> (L.) Newman in Harvill <i>et al.</i> (1992)					
<i>Gymnocladus dioicus</i> (L.) K. Koch	Kentucky coffee-tree	G5	S3		
<i>Gymnopogon brevifolius</i> Trin.	Short-leaved beardgrass	G5	S3		
<i>Helianthus hirsutus</i> Raf.	Stiff-hair sunflower	G5	S3		
<i>Heuchera hispida</i> Pursh	Purple alumroot	G5T3?	S3?		
<i>Heuchera parviflora</i> Bartl. var. <i>parviflora</i>	Small-flowered alumroot	G4T4	S3		
<i>Hexalectris spicata</i> (Walt.) Barnh.	Crested coralroot	G5	S3		
<i>Hexastylis lewisii</i> (Fern.) Blomquist & Oosting	Lewis' heartleaf	G4	S3		
<i>Hottonia inflata</i> Ell.	Featherfoil	G4	S3		
<i>Hydrastis canadensis</i> L.	Golden-seal	G4	S3		
<i>Hydroclea quadrivalvis</i> Walt.	Water-pod	G5	S3		

Vascular Plant Watchlist

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<i>Hypericum drummondii</i> (Grev. & Hook.) Torr. & Gray	Drummond's St. John's-wort	G5	S3		
<i>Hypericum mitchellianum</i> Rydb.	Blue Ridge St. John's-wort	G3	S3		
<i>Hypericum virginatum</i> Lam. syn: <i>H. denticulatum</i> Walt. var. <i>acutifolium</i> (Ell.) Blake	A St. John's-wort	G4?	S3		
<i>Ilex vomitoria</i> Ait.	Yaupon holly	G5	S3		
<i>Iresine rhizomatosa</i> Standl.	Eastern bloodleaf	G5	S3		
<i>Iris prismatica</i> Pursh ex Ker-Gwal.	Slender blueflag	G4G5	S3		
<i>Iris versicolor</i> L.	Blueflag	G5	S3		
<i>Isoetes riparia</i> Engelm. ex A. Braun	River-bank quillwort	G5?	S3		
<i>Juglans cinerea</i> L.	Butternut	G3G4	S3?		
<i>Juncus longii</i> Fern.	Long's rush	G3Q	S3?		
<i>Justicia ovata</i> (Walt.) Lindau var. <i>ovata</i> Given as <i>J. lanceolata</i> (Chapman) Small in Harvill et al. (1992)	Ovate water-willow	G5T4T5	S3		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>virginica</i> Hodgon	Virginia beach pinweed	G5T3Q	S3		
<i>Leptochloa fascicularis</i> (Lam.) Gray var. <i>maritima</i> (Bickn.) Gleason syn: <i>Diplachne maritima</i> Bickn. All Virginia <i>L. fascicularis</i> is var. <i>maritima</i>	Long-awned sprangletop	G5T3T4	S3		
<i>Liatris aspera</i> Michx. var. <i>intermedia</i> (Lunell) Gaiser	Tall blazing-star	G4G5T4T5	S3		
<i>Liatris turgida</i> Gaiser	Shale-barren blazing-star	G3	S3		
<i>Lilium philadelphicum</i> L. var. <i>philadelphicum</i> All Virginia <i>L. philadelphicum</i> is var. <i>philadelphicum</i>	Wood lily	G5T4T5	S3		
<i>Linum sulcatum</i> Riddell var. <i>sulcatum</i> All Virginia <i>L. sulcatum</i> is var. <i>sulcatum</i>	Grooved yellow flax	G5T5	S3		
<i>Listera smallii</i> Wieg.	Kidneyleaf twayblade	G4	S3		
<i>Lithospermum latifolium</i> Michx.	American gromwell	G5	S3		
<i>Lithospermum tuberosum</i> Rugel ex DC.	Tuberous gromwell	G4	S3		
<i>Lonicera canadensis</i> Bartr. ex Marsh.	American fly-honeysuckle	G5	S3		
<i>Ludwigia glandulosa</i> Walt.	Cylindric-fruited seedbox	G5	S3		
<i>Ludwigia leptocarpa</i> (Nutt.) Hara	River seedbox	G5	S3		
<i>Ludwigia sphaerocarpa</i> Ell.	Globe-fruited seedbox	G5	S3		
<i>Lycopodium annotinum</i> L. Varieties of <i>Lycopodium annotinum</i> not recognized	Stiff clubmoss	G5	S3?		
<i>Lycopodium dendroideum</i> Michx. syn: <i>L. obscurum</i> var. <i>dendroideum</i>	Treelike clubmoss	G5	S3		
<i>Lycopodium hickeyi</i> W.H. Wagner, Beitel & Moran	Hickey's clubmoss	G5	S3?		
<i>Lygodium palmatum</i> (Bernh.) Sw.	Climbing fern	G4	S3		

Vascular Plant Watchlist

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<i>Malaxis spicata</i> Sw. syn: <i>M. floridana</i> (Chapman) Kuntze	Florida adder's-mouth	G4?	S3		
<i>Meehania cordata</i> (Nutt.) Britt.	Heartleaf meehania	G5	S3		
<i>Milium effusum</i> L.	Tall millet-grass	G5	S3		
<i>Minuartia patula</i> (Michx.) Mattf. var. <i>patula</i> syn: <i>Arenaria patula</i> Michx. All Virginia <i>M. patula</i> is var. <i>patula</i>	Pitcher's stitchwort	G4T4	S3		
<i>Monotropis odorata</i> Schwein. ex Ell.	Sweet pinesap	G3	S3		
<i>Myriophyllum pinnatum</i> (Walt.) B.S.P.	Cutleaf water-milfoil	G5	S3		
<i>Nelumbo lutea</i> Willd.	American lotus	G4	S3		
<i>Oenothera nutans</i> Atkinson & Bartlett syn: <i>O. austromontana</i> (Munz.) Raven, W. Dietr. & Stubbe	Nodding evening-primrose	G4	S3		
<i>Ophioglossum engelmannii</i> Prantl	Limestone adder's-tongue	G5	S3		
<i>Packera paupercula</i> (Michx) Á. & D. Löve syn: <i>Senecio pauperculus</i> Michx.	Balsam ragwort	G5	S3?		
<i>Panax quinquefolius</i> L.	American ginseng	G3G4	S3S4		LT
<i>Panicum rigidulum</i> Bosc ex Nees var. <i>combsii</i> (Scribn. & Ball) Lelong syn: <i>P. longifolium</i> Swallen var. <i>combsii</i> (Scribn. & Ball) Fern.	A panic grass	G5T5?	S3?		
<i>Paronychia baldwinii</i> (Torr. & Gray) Fenzl ex Walp.ssp. <i>riparia</i> (Chapman) Chaudhri syn: <i>P. riparia</i> Torr. & Gray, All Virginia <i>P. baldwinii</i> is ssp. <i>riparia</i>	Baldwin's nailwort	G4T4?	S3		
<i>Parthenium integrifolium</i> L. var. <i>mabryanum</i> Mears	A feverfew	G5T3	S3?		
<i>Paspalum boscianum</i> Fluegge	Bull paspalum	G5	S3		
<i>Pedicularis lanceolata</i> Michx.	Swamp lousewort	G5	S3		
<i>Pellaea glabella</i> Mett. ex Kuhn ssp. <i>glabella</i> All Virginia <i>P. glabella</i> is ssp. <i>glabella</i>	Smooth cliff-brake	G5T5	S3		
<i>Penstemon hirsutus</i> (L.) Willd.	Hairy beardtongue	G4	S3		
<i>Phacelia purshii</i> Buckl.	Miami-mist	G5	S3		
<i>Philadelphus hirsutus</i> Nutt.	Streambank mock-orange	G5	S3		
<i>Phlox nivalis</i> Lodd. ex Sweet var. <i>hentzii</i> (Nutt.) Wherry All Virginia <i>P. nivalis</i> is var. <i>hentzii</i>	Trailing phlox	G4T4	S3		
<i>Physostegia leptophylla</i> Small Given as <i>P. purpurea</i> (Walt.) Blake in Harvill et al. (1992), Given as <i>Dracocephalum purpureum</i> (Walt.) McClintock ex Gleason in Radford et al. (1968)	Slender-leaved dragon-head	G4?	S3		

Vascular Plant Watchlist

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<i>Platanthera flava</i> (L.) Lindl. var. <i>flava</i> syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>flava</i>	Southern rein orchid	G4T4?Q	S3?		
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. ex Ait. f.) Luer syn: <i>Habenaria flava</i> (L.) R. Br. var. <i>herbiola</i> (R. Br.) Ames & Correll	Tuberclered rein orchid	G4T4Q	S3?		
<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.	Rose pogonia	G5	S3		
<i>Polygala cruciata</i> L. var. <i>aquilonia</i> Fern. & Schub. Included within <i>P. cruciata</i> L. in Radford <i>et al.</i> (1968)	Crossleaf milkwort	G5T4	S3?		
<i>Polygala cruciata</i> L. var. <i>cruciata</i> Included within <i>P. cruciata</i> L. in Radford <i>et al.</i> (1968)	Crossleaf milkwort	G5T4T5	S3?		
<i>Polygonella articulata</i> (L.) Meisn.	Eastern jointweed	G5	S3		
<i>Polygonum ciliinode</i> Michx.	Fringed black bindweed	G5	S3		
<i>Polygonum ramosissimum</i> Michx. var. <i>prolificum</i> Small syn: <i>P. prolificum</i> (Small) Robins.	Bushy knotweed	G5T4T5	S3		
<i>Ponthieva racemosa</i> (Walt.) C. Mohr	Shadow-witch orchid	G4G5	S3		
<i>Potamogeton perfoliatus</i> L. Given as <i>P. perfoliatus</i> L. var. <i>bupleuroides</i> (Fern.) Farw. in Harvill <i>et al.</i> (1992), Radford <i>et al.</i> (1968), and Fernald (1950)	Clasping-leaf pondweed	G5	S3		
<i>Prenanthes roanensis</i> (Chickering) Chickering	Mountain rattlesnake-root	G3	S3		
<i>Prosartes maculata</i> (Buckl.) Gray syn: <i>Disporum maculatum</i> (Buckl.) Britt.	Nodding mandarin	G3G4	S3		
<i>Prunus alleghaniensis</i> Porter var. <i>alleghaniensis</i> All Virginia <i>P. alleghaniensis</i> is var. <i>alleghaniensis</i>	Alleghany plum	G4T4	S3		
<i>Quercus laevis</i> Walt.	Turkey oak	G5	S3		
<i>Quercus margarettiae</i> Ashe ex Small syn: <i>Q. stellata</i> Wangenh. var. <i>margarettiae</i> (Ashe ex Small) Sarg.	Sand post oak	G5	S3		
<i>Quercus virginiana</i> P. Mill.	Live oak	G5	S3		
<i>Ranunculus flabellaris</i> Raf.	Yellow water crowfoot	G5	S3		
<i>Rhamnus lanceolata</i> Pursh var. <i>lanceolata</i>	Lance-leaved buckthorn	G5T4T5	S3		
<i>Rhododendron cumberlandense</i> E.L. Braun	Cumberland flame azalea	G3	S3		
<i>Rhynchospora caduca</i> Ell.	Falling beakrush	G5	S3		
<i>Rhynchospora cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale	Many-headed bunched beakrush	G5TNR	S3		
<i>Rhynchospora perplexa</i> Britt.	A beakrush	G5	S3		
<i>Rhynchospora rariflora</i> (Michx.) Ell.	Few-flowered beakrush	G5	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Ribes glandulosum</i> Grauer	Skunk currant	G5	S3		
<i>Ruellia humilis</i> Nutt.	Hairy wild-petunia	G5	S3		
<i>Ruellia purshiana</i> Fern.	Pursh's wild-petunia	G3	S3		
<i>Sabatia brachiata</i> Ell.	Narrow-leaf rose-pink	G5?	S3		
<i>Sabatia calycina</i> (Lam.) Heller	Coastal rose-pink	G5?	S3		
<i>Sabatia dodecandra</i> (L.) B.S.P.	Large marsh rose-pink	G5?	S3		
<i>Sanicula trifoliata</i> Bickn.	Large-fruited sanicle	G4	S3		
<i>Schoenoplectus novae-angliae</i> (Britt.) M.T. Strong	Salt-marsh bulrush	G5	S3		
syn: <i>Bolboschoenus novae-angliae</i> (Britt.) S.G. Sm.					
syn: <i>Scirpus cylindricus</i> (Torr.) Britt.					
syn: <i>Scirpus novae-angliae</i> Britt.					
<i>Scirpus divaricatus</i> Ell.	Spreading bulrush	G5	S3		
<i>Scirpus hattorianus</i> Makino	A bulrush	G5	S3		
<i>Scirpus lineatus</i> Michx.	Drooping bulrush	G4	S3		
syn: <i>S. fontinalis</i> Harper Does not include <i>S. pendulus</i> Muhl.					
<i>Sesuvium maritimum</i> (Walt.) B.S.P.	Sea-purslane	G5	S3		
<i>Sideroxylon lycioides</i> L.	Buckthorn bumelia	G5	S3		
syn: <i>Bumelia lycioides</i> (L.) Pers.					
<i>Sisyrinchium fuscatum</i> Bickn.	Sandplain blue-eyed-grass	G5?	S3		
syn: <i>S. arenicola</i> Bickn.					
<i>Solidago hispida</i> Muhl. ex Willd. var. <i>hispida</i>	Hairy goldenrod	G5T5	S3		
All Virginia <i>S. hispida</i> is var. <i>hispida</i>					
<i>Solidago sempervirens</i> L. var. <i>mexicana</i> (L.) Fern.	Seaside goldenrod	G5T5	S3		
Under <i>S. sermpervirens</i> L. in Radford et al. (1968)					
<i>Solidago tarda</i> Mackenzie	A goldenrod	G4?Q	S3?		
Under <i>S. arguta</i> in Radford et al. (1968)					
Under <i>S. arguta</i> var. <i>arguta</i> in Kartesz (1999)					
syn: <i>S. ludoviciana</i> (Gray) Small					
<i>Sparganium eurycarpum</i> Engelm. ex Gray	Giant burreed	G5	S3		
<i>Spiranthes odorata</i> (Nutt.) Lindl.	Fragrant ladies'-tresses	G5	S3		
syn: <i>S. cernua</i> (L.) L.C. Rich var. <i>odorata</i> (Nutt.) Correll					
<i>Stachys hyssopifolia</i> Michx.	Hyssop-leaf hedgenettle	G5?	S3?		
syn: <i>Stachys hyssopifolia</i> Michx. var. <i>hyssopifolia</i>					
<i>Stellaria corei</i> Shinners	Tennessee chickweed	G4	S3		
syn: <i>Stellaria pubera</i> Michx. var. <i>sylvatica</i> (Beguinot) Weath.					
<i>Stewartia malacodendron</i> L.	Silky camellia	G4	S3		
<i>Styrax americanus</i> Lam. var. <i>americanus</i>	American snowbell	G5TNR	S3		
<i>Styrax grandifolius</i> Ait.	Bigleaf snowbell	G5	S3		

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Suaeda linearis</i> (Ell.) Moq.	Tall sea blite	G5	S3		
<i>Symphyotrichum ericooides</i> (L.) Nesom syn: <i>Aster ericooides</i> L.	White heath aster	G5	S3		
<i>Taenidia montana</i> (Mackenzie) Cronq.	Mountain pimpernel	G3	S3		
<i>Taxus canadensis</i> Marshall	Canada yew	G5	S3		
<i>Thermopsis mollis</i> (Michx.) M.A. Curtis ex Gray	Soft-haired false lupine	G3G4	S3		
<i>Tradescantia subaspera</i> Ker-Gawl.var. <i>montana</i> (Shuttlew. ex Britt.) E.S. Anderson & Woods	Zigzag spiderwort	G5T3T5Q	S3		
Under <i>T. subaspera</i> Ker-Gawl in Radford et al. (1968)					
<i>Tragia urticifolia</i> Michx.	Nettle-leaf noseburn	G5	S3		
<i>Trifolium virginicum</i> Small ex Small & Vail	Kate's-mountain clover	G3	S3		
Only piedmont occurrences are tracked.					
<i>Triglochin striata</i> Ruiz & Pavon	Three-ribbed arrowgrass	G5	S3		
<i>Triosteum aurantiacum</i> Bickn.	Coffee tinker's-weed	G5	S3		
<i>Tsuga caroliniana</i> Engelmann	Carolina hemlock	G3	S3		
<i>Typha domingensis</i> Pers.	Southern cattail	G4G5	S3?		
<i>Uniola paniculata</i> L.	Sea oats	G5	S3		
<i>Utricularia geminiscapa</i> Benj.	Hidden-fruited bladderwort	G4G5	S3		
<i>Utricularia macrorhiza</i> Le Conte	Greater bladderwort	G5	S3		
syn: <i>U. vulgaris</i> L.					
<i>Utricularia radiata</i> Small	Small swollen bladderwort	G4	S3		
syn: <i>U. inflata</i> Walt. var. <i>minor</i> Chapman					
<i>Verbesina virginica</i> L. var. <i>virginica</i>	White crownbeard	G5?T5?	S3		
All Virginia <i>V. virginica</i> is var. <i>virginica</i>					
<i>Viola brittoniana</i> Pollard var. <i>brittoniana</i>	Coast violet	G4G5T4T5	S3?		
<i>Viola esculenta</i> Ell.	Salad violet	G4G5	S3		
syn: <i>Viola ×esculenta</i> Ell. (pro sp.)					
Under <i>V. septemloba</i> Le Conte in Radford et al. (1968) and Harvill et al. (1992)					
<i>Viola palmata</i> L. var. <i>dilatata</i> Ell.	Cleft violet	G5T5?	S4?		
syn: <i>V. triloba</i> Schwein. var. <i>dilatata</i> (Ell.) Brainerd					
<i>Viola septentrionalis</i> Greene	Northern blue violet	G5	S3		
<i>Wolffiella gladiata</i> (Hegelm.) Hegelm.	Sword bogmat	G5	S3		
syn: <i>W. floridana</i> (J.D. Sm.) J.D. Sm. ex Hegelm.					
<i>Zanthoxylum americanum</i> P. Mill.	Northern prickly-ash	G5	S3		
syn: <i>Xanthoxylum americanum</i> P. Mill.					
<i>Zanthoxylum clava-herculis</i> L.	Southern prickly-ash	G5	S3		
syn: <i>Xanthoxylum clava-herculis</i> L.					

Vascular Plant Watchlist

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
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Zigadenus elegans Pursh ssp. *glaucus* (Nutt.) Hulten White camas **G5T4T5** **S3**
All Virginia *Z. elegans* is ssp. *glaucus*,
syn: *Z. glaucus* Nutt.

PART THREE:

REVIEW LIST
(Taxa of Uncertain Status)

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Agalinis fasciculata</i> (Ell.) Raf.	Fascicled false-foxglove	G5	SU		
syn: <i>Gerardia fasciculata</i> (Ell.) Raf.					
<i>Agalinis virgata</i> Raf.	Pine-barren false-foxglove	G3G4Q	SNR		
syn: <i>Gerardia racemulosa</i> Pennell, under <i>A. fasciculata</i> (Ell.) Raf. in Kartesz (1999), under <i>A. purpurea</i> (L.) Pennell in Harvill et al. (1992)					
<i>Agrostis altissima</i> (Walt.) Tuckerman	Tall bentgrass	G4	SNR		
Under <i>A. perennans</i> (Walt.) Tuckerman in Radford et al. (1968) and Kartesz (1999)					
<i>Allium allegheniense</i> Small	Alleghany nodding onion	G3?	SU		
Under <i>A. cernuum</i> Roth in Fernald (1950) and Radford et al. (1968)					
<i>Allium burdickii</i> (Hanes) A.G. Jones	Narrow-leaved ramps	G4G5	SU		
<i>Alopecurus aequalis</i> Sobol. var. <i>aequalis</i>	Short-awn foxtail	G5T5	SNA		
<i>Amelanchier obovalis</i> (Michx.) Ashe	Coastal serviceberry	G4G5	SU		
<i>Ampelopsis cordata</i> Michx.	Heart-leaf peppervine	G5	SNR		
<i>Andropogon glaucopsis</i> Ell.	Chalky bluestem	G3G5	SNR		
syn: <i>A. virginicus</i> L. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc.					
syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>glaucopsis</i> (Ell.) A.S. Hitchc.,					
Under <i>A. virginicus</i> L. in Radford et al. (1968)					
<i>Andropogon tenuispathus</i> (Nash) Nash	A bluestem	G5	SU		
syn: <i>A. glomeratus</i> (Walt.) Britt. var. <i>pumilus</i> Vasey ex Dewey					
Under <i>A. virginicus</i> L. in Radford et al. (1968)					
<i>Andropogon virginicus</i> L. var. <i>decipiens</i> C. Campbell	A bluestem	G5T4	SU		
Under <i>A. virginicus</i> L. in Radford et al. (1968),					
Under <i>A. virginicus</i> L. var. <i>virginicus</i> in Fernald (1950)					
<i>Antennaria howellii</i> Greene ssp. <i>petaloidea</i> (Fern.) Bayer	Field pussytoes	G5T3T5	SU		
syn: <i>A. petaloidea</i> (Fern.) Fern.					
<i>Arisaema triphyllum</i> (L.) Schott ssp. <i>stewardsonii</i> (Britt.) Huttleston	Swamp jack-in-the-pulpit	G5T4	SU		
syn: <i>A. stewardsonii</i> Britt.					
Under <i>A. triphyllum</i> (L.) Schott in Radford et al. (1968)					
<i>Aruncus dioicus</i> (Walt.) Fern. var. <i>pubescens</i> (Rydb.) Fern.	Midwestern goatsbeard	G5TNR	SU		
Under <i>A. dioicus</i> (Walt.) Fern. in Radford et al. (1968)					

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Asarum canadense</i> L. var. <i>acuminatum</i> Ashe Under <i>A. canadense</i> L. in Kartesz (1999) and Radford <i>et al.</i> (1968)	Wild ginger	G5TNRQ	SU		
<i>Asplenium trichomanes</i> L. ssp. <i>quadrivalens</i> D.E. Meyer emend. Lovis	Limestone maidenhair spleenwort	G5T5?	SU		
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>austromontana</i> Pennell	Fern-leaved yellow foxglove	G5T3T5	SU		
	syn: <i>Gerardia pedicularia</i> L. var. <i>intercedens</i> (Pennell) Fern.				
	Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)				
<i>Aureolaria pedicularia</i> (L.) Raf. var. <i>pedicularia</i>	Fern-leaved yellow foxglove	G5T4	SU		
	syn: <i>Gerardia pedicularia</i> L. var. <i>pedicularia</i>				
	Under <i>A. pedicularia</i> (L.) Raf. in Radford <i>et al.</i> (1968)				
<i>Bulbostylis ciliatifolia</i> (Ell.) Fern. var. <i>coarctata</i> (Ell.) A hairsedge Kral		G5T3T5	SU		
	Under <i>B. ciliatifolia</i> (Ell.) Fern. in Radford <i>et al.</i> (1968)				
	syn: <i>B. coarctata</i> (Ell.) Fern.				
<i>Calystegia macounii</i> (Greene) Brummitt	Macoun's false bindweed	G5	SU		
<i>Calystegia silvatica</i> (Kit.) Griseb. ssp. <i>fraterniflora</i> (Mackenzie & Bush) Brummitt	Bindweed	G5T5	SU		
	syn: <i>Convolvulus sepium</i> L. var. <i>fraterniflorus</i> Mackenzie & Bush				
<i>Calystegia soldanella</i> (L.) R. Br. ex Roemer & J.A. Schultes	Seashore bindweed	G5	SNA		
<i>Carex cherokeensis</i> Schweinitz	Cherokee sedge	G4G5	SNA		
<i>Carex debilis</i> Michx. var. <i>intervalsa</i> Fern.	A sedge	G5TNR	SU		
<i>Carex debilis</i> Michx. var. <i>interjecta</i> Bailey	White-edge sedge	G5TNR	SU		
<i>Carex gravida</i> Bailey var. <i>lunelliana</i> (Mackenzie) F.J. Herm.	Heavy sedge	G5T3T5Q	SNA		
<i>Carex mesochorea</i> Mackenzie	Midland sedge	G4G5	SNR		
<i>Carex molesta</i> Mackenzie ex Bright	Troublesome sedge	G4	SNR		
<i>Carex muehlenbergii</i> Schkuhr ex Willd. var. <i>enervis</i> Boott	A sedge	G5T5	SNR		
	Under <i>C. muehlenbergii</i> Schkuhr ex Willd. in Radford <i>et al.</i> (1968)				
<i>Carex tribuloides</i> Wahlenberg var. <i>sangamonensis</i> Clokey	A sedge	G5T4T5	SNR		
<i>Caulophyllum giganteum</i> (Farw.) Loconte & Blackwell	Blue cohosh	G4G5Q	SNR		
<i>Ceanothus americanus</i> L. var. <i>intermedius</i> (Pursh) Torr. & Gray	New Jersey tea	G5TNR	SNR		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Chaerophyllum procumbens</i> (L.) Crantz var. <i>shortii</i> Torr. & Gray	Short's spreading chervil	G5T3T4Q	SNR		
<i>Chenopodium desiccatum</i> A. Nels.	Narrow-leaf goosefoot	G5	SU		
Under <i>C. pratericola</i> Rydberg in Harvill <i>et al.</i> (1992)					
<i>Cicuta mexicana</i> Coulter. & Rose	Mexican water-hemlock	G3G5	SNR		
Under <i>C. maculata</i> L. var. <i>maculata</i> in Kartesz (1999),					
Under <i>C. maculata</i> L. var. <i>curtissii</i> (Coulter. & Rose) Fern. in Fernald (1950)					
<i>Coreopsis pubescens</i> Ell. var. <i>pubescens</i>	Star tickseed	G5?T4T5	SNR		
<i>Coreopsis pubescens</i> Ell. var. <i>robusta</i> Gray & Eames	Star tickseed	G5?T3?	SNR		
<i>Cornus amomum</i> P. Mill. ssp. <i>obliqua</i> (Raf.) J.S. Wilson	Silky dogwood	G5T5	SNR		
syn: <i>C. obliqua</i> Raf.					
<i>Crataegus chrysocarpa</i> Ashe	Fineberry hawthorn	G5	SU		
<i>Crataegus disperma</i> Ashe	A hawthorn	G4?	SU		
<i>Crataegus iracunda</i> Beadle	A hawthorn	G5	SU		
Included in <i>C. flabellata</i> (Bosc.) K. Koch. in Radford <i>et al.</i> (1968)					
<i>Crataegus margarettiae</i> Ashe	A hawthorn	G5?	SNR		
<i>Crataegus valliae</i> Britt.	A hawthorn	G4?Q	SU		
<i>Cypripedium parviflorum</i> Salisb. var. <i>parviflorum</i>	Small yellow lady's-slipper	G5T3T4	SNR		
Under <i>C. calceolus</i> L. in Harvill <i>et al.</i> (1992),					
Under <i>C. calceolus</i> L. var. <i>pubescens</i> (Willd.) Correll in Radford <i>et al.</i> (1968),					
syn: <i>C. parviflorum</i> Salisb.,					
syn: <i>C. calceolus</i> L. var. <i>parviflorum</i> (Salisb.) Fern.					
<i>Desmodium ciliare</i> (Muhl. ex Willd.) DC. var. <i>lancifolium</i> Fern. & Schub.	Hairy small-leaved tick-trefoil	G5T1T3Q	SNR		
<i>Desmodium paniculatum</i> (L.) DC. var. <i>epetiolatum</i> Schub.	Narrow-leaf tick-trefoil	G5T1Q	SNR		
<i>Dichanthelium leucothrix</i> (Nash) Freckmann	Roughish panic grass	G4?Q	SNA		
syn: <i>Panicum leucothrix</i> Nash					
<i>Dichanthelium species</i> (syn: <i>chamaelonche</i>)	Carpet panic grass	G?	SU		
syn: <i>Panicum chamaelonche</i> Trin., Under D. <i>dichotomum</i> (L.) Gould var. <i>ensifolium</i> (Baldw. ex Ell.) Gould & C.A. Clark in Kartesz (1994)					
<i>Dichanthelium spretum</i> (J.A. Schultes) Freckmann	Eaton's panic grass	G5	SNR		
syn: <i>Panicum spretum</i> J.A. Schultes					
<i>Digitaria villosa</i> (Walt.) Pers.	Shaggy crabgrass	G5	SU		
syn: <i>D. filiformis</i> (L.) Koeler var. <i>villosa</i> (Walt.) Fern.					

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Dodecatheon meadia</i> L. var. <i>brachycarpum</i> (Small) Fassett syn: <i>D. meadia</i> L. ssp. <i>brachycarpum</i> (Small) R. Kunth.	A shooting-star	G5TNR	SU		
<i>Eleocharis elliptica</i> Kunth	Elliptic spike-rush	G5	SU		
<i>Eleocharis tenuis</i> (Willd.) J.A. Schultes var. <i>verrucosa</i> (Svens.) Svens. syn: <i>E. verrucosa</i> (Svens.) L. Harms	Slender spike-rush	G5T3T5	SNR		
<i>Eleocharis wolfii</i> (Gray) Gray ex Britt.	Wolf's spike-rush	G3G4	SU		
<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	Western lovegrass	G5	SNR		
<i>Erigeron strigosus</i> Muhl. ex Willd. var. <i>beyrichii</i> (Fisch. & C.A. Mey.) Torr. & Gray ex Gray Under <i>E. strigosus</i> Muhl. ex Willd. in Radford <i>et al.</i> (1968)	Daisy fleabane	G5T4T5	SU		
<i>Eupatorium anomalam</i> Nash	Anomalous eupatorium	G2G3	SU		
<i>Eupatorium linearifolium</i> Walt.	A thoroughwort	GNR	SU		
Under <i>E. glaucescens</i> Ell. in Kartesz (1999), Under <i>E. cuneifolium</i> Willd. in Radford <i>et al.</i> (1968)					
<i>Eupatorium rotundifolium</i> L. var. <i>cordigerum</i> Fern.	A thoroughwort	G5TNR	SU		
syn: <i>E. cordigerum</i> (Fern.) Fern.					
<i>Eupatorium sessilifolium</i> L. var. <i>vaseyi</i> (Porter) Fern. & Grisc. Under <i>E. godfreyanum</i> Cronq. in Harvill <i>et al.</i> (1992), syn: <i>E. sessilifolium vaseyi</i> Porter, syn: <i>E. album</i> L. var. <i>monardifolia</i> Fern.	Vasey's thoroughwort	G3G5	SU		
<i>Euphorbia pubentissima</i> Michx.	Southern flowering spurge	G5	SU		
<i>Euphorbia spathulata</i> Lam.	Reticulate-seeded spurge	G5	SU		
Included with <i>E. obtusata</i> Pursh in Harvill <i>et al.</i> (1992).					
<i>Euthamia graminifolia</i> (L.) Greene var. <i>hirtipes</i> (Fern.) C. & J. Taylor syn: <i>E. graminifolia</i> (L.) Nutt. var. <i>hirtipes</i> (Fern.) C.&J. Taylor	Grass-leaved goldenrod	G5TNR	SNR		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Galium orizabense</i> Hemsl. ssp. <i>laevicaule</i> (Weatherby & Blake) Dempster syn: <i>G. pilosum</i> Ait. var. <i>laevicaule</i> Weatherby & Blake	A bedstraw	G5?T4?	SU		
<i>Galium tinctorium</i> (L.) Scop. var. <i>floridanum</i> Wieg.	Stiff marsh bedstraw	G5TNA	SU		
Included within <i>Galium tinctorium</i> by Radford <i>et al.</i> (1968) and Kartesz (1999)					
<i>Gaylussacia dumosa</i> (Andr.) Torr. & Gray var. <i>bigeloviana</i> Fern.	Huckleberry	G5T4T5	SNR		
Included within <i>Gaylussacia dumosa</i> by Radford <i>et al.</i> (1968)					
<i>Gentiana linearis</i> Froel.	Narrow-leaved gentian	G4G5	SNA		
<i>Glandularia canadensis</i> (L.) Nutt.	Rose vervain	G5	SNA		
syn: <i>Verbena canadensis</i> (L.) Britt.					
<i>Glaux maritima</i> L.	Sea milkwort	G5	SU		
<i>Gratiola virginiana</i> L. var. <i>aestuariorum</i> Pennell	Roundfruit hedge-hyssop	G5T2T4	SU		
<i>Gratiola ramosa</i> Walt.	Branched hedge-hyssop	G4G5	SNR		
<i>Habenaria repens</i> Nutt.	Water-spider orchis	G5	SNA		
<i>Heliospis helianthoides</i> (L.) Sweet var. <i>scabra</i> (Dunal) Fern.	Smooth oxeye	G5T?	SU		
<i>Humulus lupulus</i> L. var. <i>pubescens</i> E. Small	Midwestern hops	G5T4?	SNA		
<i>Isoetes mattaponica</i> L.J. Musselman & W.C. Taylor	A quillwort	GU	SNR		
<i>Isolepis carinata</i> Hooker & Arnott ex Torr.	Clubrush	G5	SNA		
syn: <i>Isolepis koilolepis</i> Steud.					
syn: <i>Scirpus koilolepis</i> (Steud.) Gleason					
<i>Juncus validus</i> Coville var. <i>validus</i> syn: <i>J. crassifolius</i> Buch.	A rush	G5	SNA		
<i>Lathyrus pusillus</i> Ell.	Low peavine	G5?	SNA		
<i>Lechea maritima</i> Leggett ex B.S.P. var. <i>maritima</i>	Beach pinweed	G5T5?	SNA		
<i>Lemna minuta</i> Kunth	Pale duckweed	G4	SU		
<i>Leptochloa panicea</i> (Retz) Ohwi ssp. <i>mucronata</i> (Michx.) Nowack	Red sprangletop	G5	SNA		
syn: <i>L. filiformis</i> (Lam.) Beauv.					
<i>Leptochloa panicoides</i> (J. Presl) A.S. Hitchc.	Amazon sprangletop	G5	SNA		
syn: <i>Diplachne panicoides</i> (J. Presl) McNeill					
<i>Liatris squarrosa</i> (L.) Michx. var. <i>gracilenta</i> Gaiser	Scaly blazing star	G5T?	SU		
Under <i>L. squarrosa</i> (L.) Michx. var. <i>squarrosa</i> in Kartesz (1999)					

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Liatris squarrosa</i> (L.) Michx. var. <i>hirsuta</i> (Rydb.) Gaiser	Scaly blazing star	G5T4?	SU		
<i>Liatris squarrulosa</i> Michx.	Appalachian blazing-star	G4G5	SU		
Under <i>L. aspera</i> Michx. in Harvill et al. (1992), syn: <i>L. earlei</i> (Greene) K. Schum.					
<i>Lindera subcordiacea</i> B.E. Wofford	Bog spicebush	G2	SU		
<i>Linum floridanum</i> (Planch.) Trel. syn: <i>L. virginianum</i> L. var. <i>floridanum</i> Planch.	Florida yellow flax	G5?	SU		
<i>Lobelia glandulosa</i> Walt.	Glandular lobelia	G4G5	SU		
<i>Ludwigia polycarpa</i> Short & Peter	A seedbox	G4	SU		
<i>Lycopus angustifolius</i> Ell.	Southern bog bugleweed	G4?Q	SU		
<i>Malaxis bayardii</i> Fern.	Appalachian adder's-mouth	G2	SU		
Under <i>M. unifolia</i> Michx. in Radford et al. (1968)					
<i>Melampyrum lineare</i> Desr. var. <i>pectinatum</i> (Pennell) Fern.	Cow-wheat	G5T5	SU		
<i>Monarda fistulosa</i> L. var. <i>brevis</i> Fosberg & Artz	Smoke Hole bergamot	G5T1	SU		
syn: <i>Monarda fistulosa</i> L. ssp. <i>brevis</i> (Fosberg & Artz) Scora, comb. nov. ined.					
<i>Myriophyllum sibiricum</i> Komarov	Common water-milfoil	G5	SNR		
<i>Nothoscordum bivalve</i> (L.) Britt. syn: <i>Allium bivalve</i> (L.) Kuntze	Crow-poison	G4	SNA		
<i>Oenothera linifolia</i> Nutt.	Flax-leaved sundrops	G5	SNA		
<i>Oenothera oakesiana</i> (Gray) J.W. Robbins ex S. Wats. & Coulter.	Evening-primrose	G4G5Q	SNR		
syn: <i>O. parviflora</i> L. var. <i>oakesiana</i> (Gray) Fern.					
<i>Oenothera riparia</i> Nuttall	Riverbank evening-primrose	G2Q	SU		
syn: <i>O. tetragona</i> Roth ssp. <i>glaucia</i> (Michaux) Munz var. <i>riparia</i> (Nuttall) Munz included in <i>O. fruticosa</i> L. by Radford et al. (1968)					
<i>Oligoneuron riddellii</i> (Frank ex Riddell) Rydberg	Riddell Goldenrod	G5	SNA		
syn: <i>Solidago riddellii</i> Frank ex Riddell					
<i>Orbexilum pedunculatum</i> (P. Miller) Rydb. var. <i>pedunculatum</i>	Western sampson's snakeroot	G5T5?	SNR		
syn: <i>Psoralea psoraloides</i> (Walter) Cory var. <i>eglandulosa</i> (Ell.) Freeman					

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Orobanche ludoviciana</i> Nutt.	Louisiana broomrape	G5	SU		
<i>Oxalis priceae</i> Small ssp. <i>colorea</i> (Small) Eiten	A wood-sorrel	G3G5TNR	SNR		
<i>Panicum anceps</i> Michx. var. <i>rhizomatum</i> (A.S. Hitchc. & Chase) Fern. Under <i>P. anceps</i> Michx. in Kartesz (1999)	A panic grass	G5TNR	SU		
<i>Panicum gattingeri</i> Nash	Gattinger's panic grass	G4	SNR		
<i>Parthenocissus vitacea</i> (Knerr) A.S. Hitchc.	Woodbine	G5	SU		
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. ssp. <i>americanus</i> Saltonstall, P.M. Peterson, & Soreng	American common reed	G5TNA	SNR		
<i>Physalis angulata</i> L. var. <i>angulata</i>	Cut-leaf ground-cherry	G5TNR	SNA		
All Virginia <i>P. angulata</i> is var. <i>angulata</i>					
<i>Plantago heterophylla</i> Nutt.	Slender plantain	G5	SNA		
<i>Platanthera integrilabia</i> (Correll) Luer syn: <i>Habenaria blephariglottis</i> (Willd.) Hook. var. <i>integrilabia</i> Correll	White fringeless orchid	G2G3	SU		
<i>Potamogeton friesii</i> Rupr.	Fries' pondweed	G4	SU		
<i>Proserpinaca intermedia</i> Mackenzie	Intermediate mermaid-weed	G3G4Q	SU		
<i>Pycnanthemum beadlei</i> (Small) Fern.	Beadle's Mountain-mint	G2G4	SU		
<i>Pycnanthemum loomisii</i> Nutt.	Loomis' mountain-mint	G4?	SU		
Under <i>P. incanum</i> (L.) Michx. in Radford et al. (1968) syn: <i>Pycnanthemum incanum</i> (L.) Michx. var. <i>loomisii</i> (Nutt.) Fern.					
<i>Rhynchospora cephalantha</i> Gray var. <i>cephalantha</i> Does not include <i>R. cephalantha</i> Gray var. <i>attenuata</i> Gale (see rare list) or <i>R. cephalantha</i> Gray var. <i>pleiocephala</i> Fern. & Gale (watch list)	Capitate beakrush	G5T4T5	SNA		
<i>Ribes missouriense</i> Nutt.	Missouri gooseberry	G5	SNA		
<i>Robinia hispida</i> L. var. <i>kelseyi</i> (Cowell ex Hutchinson) Isely Under <i>R. hispida</i> L. in Harvill et al. (1992) syn: <i>R. kelseyi</i> Cowell ex Hutchinson	Kelsey's locust	G4T1	SU		
<i>Robinia viscosa</i> Vent.	Clammy locust	G3	SU		
<i>Rosa blanda</i> Aiton var. <i>blanda</i>	Smooth rose	G5	SU		
<i>Rubus alumnus</i> Bailey	Blackberry	G5	SU		
<i>Rubus baileyanus</i> Britt. Under <i>R. flagellaris</i> in Radford et al. (1968)	A bramble	G5	SU		
<i>Rubus fecundus</i> Bailey	A bramble	G5	SU		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Rubus frondosus</i> Bigelow	A bramble	G5	SU		
<i>Rubus recurvicaulis</i> Blanch	A bramble	G4?	SU		
<i>Rubus setosus</i> Bigelow	Small bristleberry	G5	SU		
<i>Rudbeckia laciniata</i> L. var. <i>humilis</i> Gray	Cut-leaved coneflower	G5T3?	SU		
	Under <i>R. laciniata</i> L. in Radford et al. (1968)				
<i>Sagittaria platyphylla</i> (Engelm.) J.G. Sm.	An arrowhead	G5	SU		
<i>Salix lucida</i> Muhl.	Shining willow	G5	SNA		
<i>Sanicula canadensis</i> L. var. <i>grandis</i> Fern.	Black snakeroot	G5TU	SU		
<i>Scutellaria ovata</i> Hill ssp. <i>pseudoarguta</i> Epling	A heart-leaved skullcap	G5T1Q	SU		
	Given as <i>S. ovata</i> Hill var. <i>versicolor</i> (Nutt.) Fern. in Fernald (1950)				
<i>Sibara virginica</i> (L.) Rollins	Virginia rockcress	G5	SNR		
	syn: <i>Bumelia lycioides</i> (L.) Pers.				
<i>Silphium trifoliatum</i> L. var. <i>latifolium</i> Gray	Broad-leaved whorled rosin-weed	G4?T4?	SNR		
<i>Sisyrinchium capillare</i> Bickn.	Wiry blue-eyed-grass	GNR	SU		
	Under <i>S. albidum</i> Raf. in Radford et al. (1968)				
<i>Sisyrinchium montanum</i> Greene var. <i>crebrum</i> Fern.	Strict blue-eyed-grass	G5T4T5	SU		
	Under <i>S. mucronatum</i> Michx. var. <i>mucronatum</i> in Radford et al. (1968)				
<i>Solidago canadensis</i> L. var. <i>canadensis</i>	Canadian goldenrod	G5T5	SU		
<i>Solidago canadensis</i> L. var. <i>gylvocanescens</i> Rydb.	Great Plains common goldenrod	G5T5	SU		
<i>Solidago flaccidifolia</i> Small	Appalachian goldenrod	G5	SNR		
	Under <i>S. caesia</i> in Radford et al. (1968)				
<i>Solidago lancifolia</i> Torr. & Gray	Broad-leaf goldenrod	G3G4Q	SU		
	Under <i>S. curtissii</i> Torr. & Gray in Kartesz (1999) Radford et al. (1968)				
<i>Spartina patens</i> (Ait.) Muhl. var. <i>monogyna</i> (M.A. Curtis) Fern.	Saltmeadow cordgrass	G5TNR	SU		
	Under <i>S. patens</i> (Ait.) Muhl. in Kartesz (1999)				
<i>Spiranthes eatonii</i> Ames ex P.M. Brown	Eaton's ladies' tresses	G2G4	SNR		
<i>Spiranthes lacera</i> (Raf.) Raf. var. <i>lacera</i>	A ladies'-tresses	G5T5	SU		
	Does not include <i>S. gracilis</i> (Bigelow) Beck or <i>S. lacera</i> (Raf.) Raf. var. <i>gracilis</i> (Bigelow) Luer				
	Given as <i>S. lacera</i> Raf. in Fernald (1950)				
<i>Stellaria prostrata</i> Baldw.	Prostrate starwort	G4?	SU		

Review List (Taxa of Uncertain Status)

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Styloodon carneus</i> (Medik.) Moldenke syn: <i>S. carolinensis</i> (Walt.) Small, syn: <i>Verbena carnea</i> Medic.	Carolina vervain	G4?		SNA	
<i>Sympyotrichum x schistosum</i> (Steele) Nesom syn: <i>Aster schistosus</i> Steele syn: <i>A. x schistosus</i> (Steele) Nesom in Kartesz (1999)	Millboro aster	GNA		SNA	
<i>Taxodium ascendens</i> Brongn.	Pond cypress	G5		SNA	
<i>Tephrosia hispidula</i> (Michx.) Pers.	Sprawling hoary-pea	G4G5		SNA	
<i>Thaspium pinnatifidum</i> (Buckl.) Gray	Cutleaf meadow-parsnip	G2G3		SU	
<i>Thermopsis villosa</i> (Walt.) Fern. & Schub.	Hairy false lupine	G3?		SNA	
<i>Trichomanes intricatum</i> Farrar	A filmy-fern	G3G4		SU	
<i>Tridens strictus</i> (Nutt.) Nash syn: <i>Triodia stricta</i> (Nutt.) Benth. ex Vasey	Long-spike fluff-grass	G5		SNA	
<i>Trillium luteum</i> (Muhl.) Harbison	Yellow trillium	G4		SE?	
<i>Uvularia puberula</i> Michx. var. <i>nitida</i> (Britton) Fern. Under <i>U. puberula</i> Michx. in Kartesz (1999) syn: <i>U. pudica</i> (Walt.) Fern. var. <i>nitida</i> (Britt.) Fern.	Pine barren bellwort	G5T2?		SNR	
<i>Verbena rigida</i> (L.) Sprengel	A vervain		GNR	SNR	
<i>Viola blanda</i> Willd. var. <i>palustriformis</i> Gray Under <i>V. blanda</i> Willd. in Radford et al. (1968), syn.: <i>Viola incognita</i> Brainerd	Large-leaf white violet		G4G5T4T5	SNR	
<i>Viola villosa</i> Walt.	Hairy violet	G5		SU	

PART FOUR:

RARE NON-VASCULAR PLANT LIST

Rare Non-Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
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LICHENS

<i>Cetrelia monachorum</i> (Zahlbr.) Culb. & C. Culb.	Sea-storm lichen	G2G4	SU		
<i>Heterodermia appalachiensis</i> (Kurok.) Culb.	Appalachian fringe lichen	G2?	S1		
syn: <i>Anaptychia appalachiensis</i> Kurok.					
<i>Hydrothyria venosa</i> J.L. Russell	Waterfan	G3	S1		
<i>Hypotrachyna oostingii</i> (J.P. Dey) Hale	Oosting's loop lichen	G2?	SU		
<i>Hypotrachyna virginica</i> (Hale) Hale	A loop lichen	G1G2	S1		
syn: <i>Parmelia virginica</i> Hale					
<i>Melanelia culbersonii</i> (Hale) Thell	Appalachian camouflage lichen	G2G4	S2?		
<i>Melanelia stygia</i> (L.) Essl.	Alpine camouflage lichen	G4G5	S2?		
<i>Stereocaulon tennesseense</i> H. Magn. ex Degel	Bony foam lichen	G?	S2?		
<i>Teloschistes flavicans</i> (Sw.) Norman	Powdered orange bush lichen	G?	SH		

LIVERWORTS

<i>Lejeunea ruthii</i> (Evans) Schust.	A liverwort	G3G4	SU		
<i>Nardia lescurii</i> (Aust.) Underw.	A liverwort	G3?	SU		
<i>Radula tenax</i> Lindb.	A liverwort	G3G4	SU		

MOSSES

<i>Astomum phascoides</i> (Hook. ex Drumm.) Grout	A moss	G3G4	SU		
<i>Campylopus caroliniae</i> Grout	A moss	G1G2	S1		
<i>Orthotrichum keeverae</i> Crum & Anders.	Keever's bristle-moss	G1	S1		
<i>Plagiothecium latebricola</i> BSG	Lurking leskea	G3G4	SU		
<i>Sphagnum angustifolium</i> (C. Jens. ex Russ.) C. Jens.	Narrowleaf peatmoss	G5	S1S2		
<i>Sphagnum capillifolium</i> (Ehrh.) Hedw.	Pom - pom peatmoss	G5	S1S2		
<i>Sphagnum carolinianum</i> Andrus	Carolina peatmoss	G3	S2		
<i>Sphagnum cyclophyllum</i> Sull. & Lesq. ex Sull.	Circular-leaved peatmoss	G3	S1S2		
<i>Sphagnum fimbriatum</i> Wils. ex Wils. & J.D. Hook.	A peatmoss	G5	S1		
<i>Sphagnum flavicomans</i> (Card.) Warnst.	A peatmoss	G3	SU		
<i>Sphagnum flexuosum</i> Dozy & Molk.	Flexuose peatmoss	G5	S1S2		
<i>Sphagnum fuscum</i> (Schimp.) Klinggr.	Brown peatmoss	G5	S1		
<i>Sphagnum girgensohnii</i> Russ.	Girgensohn's peatmoss	G5	S1S2		
<i>Sphagnum inundatum</i> Russ.	Inundated peatmoss	G4	S1S2		
<i>Sphagnum macrophyllum</i> Bernh. ex Brid. var. <i>macrophyllum</i>	Large-leaf peatmoss	G3T3?	S2		
<i>Sphagnum molle</i> Sull.	Soft peatmoss	G4	S2		

Rare Non-Vascular Plant List

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status
<i>Sphagnum portoricense</i> Hampe	Puerto Rico peatmoss	G5	S1S2		
<i>Sphagnum quinquefarium</i> (Lindb. ex Braithw.) Warnst.	Five-rowed peatmoss	G5	S2S3		
<i>Sphagnum rubellum</i> Wils.	Red peatmoss	G5	S2		
<i>Sphagnum russowii</i> Warnst.	Russow's peatmoss	G5	S1S2		
<i>Sphagnum strictum</i> Sull.	Straight peatmoss	G5	S2		
<i>Sphagnum subsecundum</i> Nees ex Sturm	Subsecund peatmoss	G5	S1		
<i>Sphagnum subtile</i> (Russ.) Warnst.	Delicate peatmoss	G5?Q	S1S2		
<i>Sphagnum torreyanum</i> Sull.	Torrey's peatmoss	G3G4	S2		
<i>Sphagnum trinitense</i> C.M.	Trinidad peatmoss	G4	S2S3		

APPENDIX 1: CHANGES TO THE 2006 LISTS

Below is a summary of the changes to the plant lists since the 2005 edition:

NOTE: For the first time, the contents of the Vascular Plant Watchlist have been divided between the Vascular Plant Watchlist and the Review List. Plants on the Vascular Plant Watchlist are generally ranked S3 or S3?, while those on the Review List lack numerical ranks, indicating that they are poorly known from a taxonomic and distributional standpoint. Although some of these taxa may prove to be conservation targets, more field and herbarium data are needed to assess their distinctiveness and degree of rarity in Virginia.

1) Taxa which have been removed from the rare vascular plant list and placed on the vascular plant watchlist:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Crataegus pruinosa</i>	S3	S2
<i>Rhynchospora perplexa</i>	S3	S1S2

2) Taxa which have been removed from the rare vascular plant list and placed on the review list:

<i>Gentiana linearis</i>	SNA	S1
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3) Additions to the rare vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Carex davisii</i>	S1	N/A

4) Taxa whose ranks have changed but are still found on the rare vascular plant list:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Cardamine clematitis</i>	S1	S1S2
<i>Carex ormostachya</i>	S1	SH
<i>Cleistes bifaria</i>	S2	S1
<i>Digitaria serotina</i>	S1	SH
<i>Eupatorium glaucescens</i>	SH	S1
<i>Utricularia olivacea</i>	SH	S1

5) Taxa whose ranks have changed but are still found on the vascular plant watchlist:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Dichanthelium leucothrix</i>	SNA	SNR
<i>Dichanthelium fusiforme</i>	S3	SNR
<i>Dichanthelium</i> sp. (= <i>Panicum lancearium</i>)	S3	SU
<i>Dichanthelium wrightianum</i>	S3	SNR

6) Taxa which have been removed from the vascular plant watchlist:

<u>Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Leptochloa fascicularis</i> var. <i>maritima</i>	SNA	S3
<i>Rhynchospora breviseta</i>	SNA	SNA
<i>Saccharum brevibarbe</i> var. <i>brevibarbe</i>	SNA	SU

7) Taxonomic changes made on the rare vascular plant list

<u>Old Scientific Name</u>	<u>New Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Gnaphalium macounii</i>	<i>Pseudognaphalium macounii</i>	S1	S1

3) Additions to the review list:

<u>Old Scientific Name</u>	<u>New Rank</u>	<u>Old Rank</u>
<i>Amelanchier obovalis</i>	SU	N/A
<i>Eleocharis elliptica</i>	SU	N/A
<i>Eleocharis wolfii</i>	SU	N/A
<i>Gratiola ramosa</i>	SNR	N/A

APPENDIX 2. RARE SPECIES SIGHTING FORM

An important component of the natural heritage inventory and protection process involves gathering information from state experts, professionals, and avocational naturalists throughout the state. To facilitate this, the Division of Natural Heritage has developed a rare species sighting form. If you would like to participate in our inventory and protection activities, please take a few moments to complete the attached form for any taxon from our rare plant list or watchlist. This data will be incorporated into the natural heritage data base and used exclusively for the protection of the rare taxon and its habitat. Please send the form to staff botanist John Townsend at: Department of Conservation and Recreation, Division of Natural Heritage, 217 Governor Street, 3rd Floor, Richmond, VA 23219.

Thank you for your support. The Division of Natural Heritage can only realize the protection of the Commonwealth's natural diversity by working through a network of knowledgeable and concerned individuals.

TAXON NAME:

DATE SEEN:

CITY/COUNTY:

COLLECTION INFORMATION: (Include your personal collection number, if any, and the Herbarium where the specimen has been/will be deposited)

LOCATION: (Please provide as detailed a description as possible. Please include a topographic map showing the location or sketch a map of the location.)

HABITAT DESCRIPTION: (Include associated species, natural features, vegetation, and other applicable habitat information).

POPULATION DATA: (Include number of individuals, age, size, spatial distribution, evidence of reproduction and other applicable population data.)

THREATS OR EVIDENCE OF DISTURBANCE TO SITE:

LAND OWNER(S):

REPORTED BY: (Please include name, address, telephone number, and email address if available.)

DATE OF THIS REPORT: